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ENGINEERING, BANKING, MINING, MANUFACTURES.

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and the appearance of wisdom seems to be the next best thing. The gentlemen who gave us the silver bill cannot now claim to have done a wise act, but after its repeal at their suggestion they can point to the final result as a mild financial triumph.

We noticed only last week in our financial columns the liberal offer of the Treasury to pay express charges on silver dollars in sums of one thousand to ten thousand dollars for the benefit of all banks or banking institutions which might desire to see new silver money. The liberality of the Treasury was unusual and one would expect to see and hear new dollars everywhere. Nothing of the kind has taken place, no new dollars are wanted.

And now comes a more singular act on the part of the Treasury. The Secretary in a circular to Sub-Treasurers permits them to exchange silver for legal tender notes; in fact to begin practical redemption of greenbacks on and after the 16th instant.

No harm will come from this haste in redemption, practically. Even the Secretary himself can scarcely expect any good from it. He felt it his duty evidently to leave no stone unturned to put the new silver dollars in circulation; hence he is willing to exchange a few of them for paper just to oblige the public. The liberality of the Treasury in the matter of the new silver dollars deserves praise whether we want the dollars or not. If people want any of the new silver dollars they ought now to come forward and take them. If they don't want them—but they said before the passage of the Silver bill that they wanted these dollars and could not be happy without them. The Secretary of the Treasury will be criticised for this last effort to put the new silver coinage in circulation. At first sight it does appear to be a stretch of the law concerning redemption of legal tender notes. If, however, as we believe, no considerable sum of silver can be made to circulate while the dollar remains at its present weight and value, these curious efforts to make it circulate will show plainly its inability to do what was expected of it and a speedy remedy will come.

It is likely at the next session of Congress that we shall see the curious sight of the same gentlemen who so earnestly championed the silver bill as earnestly asking for its repeal. The reasons, of course, will be that the bill did not meet the wants of the country; that and the attendant changes brought about by the resumption of specific payments, with a trifling of politics added to give a brisker flavor; then who will dare to laugh?

## American Railroad Journal.

New York, Saturday, September 14, 1878.

### Anticipating Redemption.

This nation has been misbehaving like a bad child. One year ago there was a constant cry for silver. Silver was the only toy that would satisfy the child. Congress like an indulgent mother proceeded to gratify the child by furnishing silver in abundance. But no sooner was the child given all it asked for than it suddenly discovered this silver toy was not what it wanted after all; it didn't want silver now but it did want dollars. Of course it must be gratified again.

It is likely at the next session of Congress that we shall see the curious sight of the same gentlemen who so earnestly championed the silver bill as earnestly asking for its repeal. The reasons, of course, will be that the bill did not meet the wants of the country; that and the attendant changes brought about by the resumption of specific payments, with a trifling of politics added to give a brisker flavor; then who will dare to laugh?

Legislative wisdom is a good thing in its place;

To-day the paper dollar is worth so much more than the silver dollar that we prefer paper. If the difference at this time between legal tenders and gold is less than one-half of one per cent, while the new silver dollar cannot claim a greater commercial value for all purposes than 88 to 89 cents as compared with gold, it is natural that we should decline to exchange for silver with or without express charges paid on it.

### Connecticut and Passumpsic Rivers R. R.

The annual meeting of the Connecticut and Passumpsic Rivers Railroad Company was held at Newport, Vt., on the 4th inst. The President, Emmons Raymond, called the meeting to order and presented the report of the directors for the past year. He said "the road had had a hard year financially, but on the whole it is gratifying to know that in the midst of so many obstacles and difficulties we have held our own, and the road is in better condition to-day than one year ago. We have had to reduce expenses and economize in every way possible and practicable, and yet the road is in a most excellent condition. The net earnings are \$21,720 less than last year." The following directors were elected: Emmons Raymond, T. P. Redfield, Gardner C. Brown, Amos Barnes, Warren K. Blodgett, Alden Speare, Lucius Robinson, Stephen Foster and F. A. Pe-

ters. At a subsequent meeting of the directors

Emmons Raymond was elected President; T. P. Redfield, Vice President; E. Cleveland, Secretary; N. P. Lovering, Treasurer.

**The Amazon and American Trade.**

The survey of the River Amazon and its tributaries, which is now being prosecuted by Commander Selby—so well known through his surveys for a ship canal across the Isthmus of Tehuantepec—has been undertaken at the right time, and cannot fail to prove of advantage to us in our commercial intercourse with Brazil. The construction of the Madeira and Mamore railroad, for which Brazil has given the contract to the Messrs. Collins, of Philadelphia, will be a further aid to the extension of our trade not only with Brazil, but with Bolivia also. Heretofore the navigation of the upper waters of the Amazon, and especially of its chief tributaries, has been rendered difficult from the want of trustworthy charts, as well as of proper buoys and lighthouses, while adventurous traders were further harassed and put under restrictions by the shipping laws of Brazil. These things, it is hoped and believed, will now be remedied, and that by the adoption of a more enlightened policy the great navigable waters of that empire will be thrown open to American commerce under conditions that will give us a fair proportion of that trade which is now largely monopolized by European merchants.

**Texas and Pacific Railway.**

The earnings of this road for the years ending May 31, 1877 and 1878, were:

	1877.	1878.
From passengers....	\$524,198 47	\$592,694 12
" freight.....	1,449,988 48	1,660,645 14
" express.....	19,849 35	24,278 83
" mail.....	31,085 00	30,979 66
" telegraph.....	18,801 00	17,437 61
" miscellaneous.....	4,581 00	5,280 00
	<hr/>	<hr/>
	\$2,043,458 30	\$2,831,810 35

Expenses, viz:

Conducting transp....	\$435,790 00	\$447,088 59
Motive power....	306,487 39	358,788 92
Maintenance of cars....	184,697 32	117,452 61
Maintenance of way....	425,047 18	484,526 78
General office exp....	50,474 07	40,592 48
	<hr/>	<hr/>
	\$1,352,445 96	\$1,448,489 88

Net earnings.... \$691,007 34 \$882,870 97

Additional charges to exp. ac't:

For charter and legal exp.	\$24,656 66
General office expenses...	59,008 90
Insurance.....	11,869 58
Taxes.....	57,644 24
	<hr/>
	153,179 88

Net revenue..... \$729,691 59

With which to pay—

Interest on 1st mortgage bonds.....	\$198,150 00
Interest on Consolidated mortgage bonds.....	427,320 00
Interest on floating indebtedness.....	82,579 34
Premium on gold and ex-change.....	21,558 37
	<hr/>
	679,602 71

Surplus on year's business..... \$50,088 88

Compared with the previous year, the gross earnings of 1878 show an increase of \$287,857 05, with an increase in expenses of \$95,993 42, making the increase in net earnings \$191,863 63. The gross earnings per mile of road operated were \$5,250 70, the working expenses \$3,262 25, and the net earnings \$1,988 45; in 1877, the earnings

per mile of road operated were \$4,926 95, the expenses \$3,260 87, and the net earnings \$1,666 08—showing an increase in earnings of \$323 85, an increase in expenses of \$1 88, and an increase in net earnings of \$322 87. The percentage of operating expenses for the year was 62.13; last year it was 66.18—showing a decrease of 4.05 per cent.

The gross earnings for the year of the Trans-continental Division were \$182,201 02, which is \$3,236 25 per mile of road operated. Last year they were \$815,920 66, or \$2,375 34 per mile, showing an aggregate gain for the year of \$166,280 86, or \$860 91 per mile of road operated.

On the Jefferson and Southern Divisions, the gross earnings were \$1,819,103 33, or \$6,268 16 per mile of road operated, against \$1,727,432 64 or \$6,181 43 per mile the previous year, an aggregate gain of \$121,676 69 for the year, or \$186 78 per mile of road operated.

The number of miles of road (main track) operated, was the same at the commencement as at the close of the year, and is described as follows:

	Miles.
From Shreveport to Fort Worth.....	219,69
From Texarkana to Sherman.....	155,12
From Marshall to Texarkana Junction....	69,05

Total length of main track..... 443.86

The average number of miles operated the previous year was..... 414.75

Which shows an increase over last year of. 29.11 miles of road, or a fraction over 7 per cent.

At the commencement of the year the company had 86.94 miles of side tracks, and at the close of the year it had 89.44 miles, showing that 2.50 miles of siding was added during the year. The total length of main track and sidings, May 31st, 1878, was 483.80 miles.

The company have 49 locomotives, 14 first class and 14 second-class passenger, 1 directors', 8 baggage combination, 11 baggage, mail and express, 487 box, 164 stock, 81 caboose, 395 flat, 1 wrecking, 2 pile driving and 6 boarding cars.

Miles run by passenger trains, 412,849; freight trains, 784,906; work trains, 179,947; switch trains, 169,748—total, 1,547,435. Miles run to cord of wood, 26,35; to pint of oil, 11,27. Cost of working locomotives, including repairs, fuel, oil and waste, etc., 0.2458 cent per mile run.

Coupon passengers carried, 58,885; do. carried one mile, 7,449,718. Local passengers carried, 191,227; do. carried one mile, 7,555,084. Total passengers carried, 245,112; do. carried one mile, 15,004,800. Average miles each passenger was carried: coupon, 138.24; local, 39.51—average distance, 61.21. This shows an increase, compared with the previous year, of 25,009 in the number of passengers carried; 1,118,301 in the number carried one mile; and a decrease of 1.88 miles in the average distance traveled by each passenger.

Local freight in tons, 297,955; number of tons carried one mile, 38,543,659. Through freight in tons, 91,012; number of tons carried one mile, 12,478,775. Total freight in tons, 388,967; total tons carried one mile, 51,022,434. Average haul of local freight per ton, 129.86 miles; do. through freight per ton 187.11 miles—average haul per ton, 181.17 miles. This shows an increase in tons of freight carried of 88,178; in tons carried one mile of 7,652,558; and in average distance

each ton was hauled of 10.67 miles. The cotton shipments aggregate 214,438 bales, against 230,133 bales in 1877, showing a decrease of 15,695 bales. The report says:

This decrease in number of bales hauled is more apparent than real, and is accounted for in the shipments from Shreveport, from which point there was forwarded last year, by rail, 9,245 bales. During the previous year, because of the low stage of water in Red River, there was shipped by rail from Shreveport 42,972 bales of cotton, showing a deficit of 38,727 bales in the rail shipments from that station. This forced shipment by rail was made at very low rates, and was, most of it, a second handling of cotton that had been hauled into Shreveport over your road.

The number of original bales hauled during the year, undoubtedly exceeded that of the previous year.

The revenue derived from cotton shipments, shows an increase during the year of \$27,282 28, or 8.63 per cent over the previous year, which is evidence that the cotton business done, has been more remunerative for the year just closed than for the preceding year.

Our shipments of live stock for the year, show an increase in tonnage of 68.85 per cent, and in revenue of \$64,626 31, or 67.46 per cent.

The shipments of lumber were increased 26.37 per cent and the revenue was increased \$95,055 93, or 25.6 per cent.

Of the entire tonnage, 297,955 tons, or 76.60 per cent was local business, and 91,012 tons, or 23.40 per cent was through business; and of the total revenue, 85.04 per cent was from local tonnage, and 14.96 per cent from through tonnage.

Of the total tonnage moved during the year 31.95 per cent was lumber, 13.75 per cent was cotton, 14.76 per cent was live stock, 39.54 per cent covered all other tonnage.

Of the total revenue derived from freight 28.08 per cent was from lumber, 20.68 per cent was from cotton, 9.66 per cent was from live stock, 41.48 per cent was from other tonnage.

The policy of your company has been to permit all business to take natural channels, and the result has been, that we show an increase in commercial tonnage for the year exceeding 22 per cent, and a decrease in the average rate of 0.18 of one cent per ton per mile, with an aggregate increase in revenue of \$287,000; and these highly satisfactory results may fairly be taken as evidence of the rapid growth and development of the material interests of Texas, along the line of this highway; growth and development that will compare favorably with that of any other section of the State or country.

The percentage of working expenses was 62.13 per cent of the receipts, against 66.18 per cent last year, which is a decrease of 4.05 per cent, and while this is a gain over the previous year, it is not as large a gain as was hoped for, and we expect a very decided improvement on these figures for the current year.

Very heavy expenditures have been made during the year in the Maintenance of Way Department.

Our records show that there have been put into the track 244,677 cross-ties, 150,430 pounds of spikes, 81 sets of switch ties, 3,556 pairs of splice bars, 22,689 pounds of track bolts, 1,500 washers and 612 chairs.

There have been ballasted 29 1/2 miles of track during the year; 18,372 cubic yards of gravel, 5,985 cubic yards of stone, and 8,638 cubic yards of sand being used in this work.

Of new sidings, 25,628 lineal feet have been put down, and 12,438 lineal feet have been taken up or removed during the year, making an increase of 13,185 feet in length of sidings.

An unusually large amount of work has been done upon our bridges; 43,978 lineal feet, or over 8 1/4 miles, have been rebuilt during the year. There were used in this rebuilding, 4,320 cypress piles, 1,684,284 feet of lumber, 43,761 pounds of bridge spikes, 8,480 pounds of nails, 32,190 pounds of bolts, 8,862 washers,

A large amount of excavation has been done with the steam shovel purchased last year. The Jefferson trestle, 2,400 feet, has been filled with 36,969 cubic yards of material, and 8,054 cubic yards of material have been used in filling in the Lake Fork trestle. The banks have been widened on a considerable portion of the road; and in addition, 1,060 feet of the second pile bridge west of Dallas have been filled in with 18,000 cubic yards of material moved by teams and scrapers. Contracts have also been made to fill the Choctaw trestle, the Mill Creek trestle, the first trestle east of Mill Creek, and Bois d'Arc bridge on the west end of the Transcontinental division.

The length of the bridges that are to be so replaced with embankment, is 8,150 feet, and it will require about 95,000 cubic yards of material to be moved to do the work.

It will be noticed that during the year, capital stock account has been decreased \$484,900; that \$497,000 of the old land grant bonds, with \$62,580 of past due coupons have been withdrawn and deposited with the trustees of the new income and land grant mortgage; and that \$189,000 of old construction bonds, outstanding at the date of last report as collateral for construction company obligations not then matured, (being the balance outstanding under that mortgage) have also been received during the year.

This reduction of capital stock account and in the old land grant mortgage bond and coupon accounts, has been made under the adjustment contract previously authorized; and new income and land grant bonds, and scrip, have been issued under the same contract.

In this connection it is proper to state, that out of \$9,130,550 41 of original indebtedness of the California and Texas Railway Construction Company, of which \$655,639 05 was unliquidated at the date of the last annual report, \$8,988,150 31 has been paid in full, leaving but \$142,400 10 outstanding at this time; and the officers of that company are confident of being able to provide for the remainder of this indebtedness before many months.

There have been sold during the past year \$347,000 first mortgage \$8,000 per mile bonds, that have netted the company in cash \$291,821 56, which is 84.1 per cent of their face value; and \$42,000 of the consolidated mortgage bonds have also been disposed of.

The increase of revenue from local passengers was 14.1 per cent, and from through passengers it was 11.8 per cent. The increase in the rate of fare per passenger per mile, as compared with last year, was equal to 4.8 per cent. There was a decrease in the local rate per mile of 2.4 per cent, and an increase in the through rate per mile of 11.5 per cent.

The increase of revenue from local freight was \$212,816 24, equal to 17.7 per cent; on through freight there was a decrease of \$1,659 58, equal to 0.6 of one per cent. The decrease in rate per ton per mile, compared with last year, was 0.18 of one cent per ton per mile. The percentage decrease was: local 6 per cent, through 1 per cent, average 8.9 per cent.

#### CONDENSED BALANCE SHEET, May 31st, 1878.

Construction account (1) .....	\$26,540,239 61
Land department expenditures (2) .....	259,116 83
Real estate .....	445 27
San Diego land donation (3) .....	13,519 89
Property account—bonds and stock .....	277,516 76
First mortgage bonds in treasury .....	207,000 00
Consolidated mortgage bonds in treasury .....	63,000 00
Bills and accounts receivable .....	89,380 86
Cash in treasury .....	46,833 05
Material on hand .....	149,779 04
Expense account .....	25,113 85
	\$27,671,894 66

Capital stock .....	\$7,018,500 00
First mortgage 6 per cent gold, \$8,000 per mile bonds — payable	
March 1, 1905 .....	8,552,000 00
Consolidated mortgage 6 per cent gold, construction bonds — payable	
June 1, 1905 .....	7,548,000 00
Income and land grant 7 per cent currency bonds .....	\$6,459,000
Old land grant bonds outstanding .....	1,064,000
Coupons old land grant bonds to be funded in new income and land grant bonds .....	183,225
	7,706,225 00
State of Texas School Fund loan .....	189,180 10
Bond scrip, fractional, redeemable in bonds on presentation .....	94,916 35
Interest scrip .....	9,520 00
Town lot sales .....	17,579 86
Texas land sales .....	11,617 97
Coupons payable June 1, 1878 .....	155,850 00
Balance M. & E. P. bond account .....	249,348 00
Balance of income account .....	376,218 48
Accounts payable, current balances .....	442,268 25
Bills payable .....	300,725 65
	\$27,671,894 66

(1) Which includes all the expenditures for survey and location of 1,457 miles of line west from Fort Worth; and for construction work and material on line in California, and between Sherman and Fort Worth, in addition to constructing and equipping 444 miles of road in operation in Texas and Louisiana.

(2) This expenditure is for account of 4,851,702 acres of land in Texas, most of it within the company's reservation. These lands are mortgaged to secure the Income and Land Grant Bonds (registered) issued by the company.

(3) This is represented by about 8,000 acres of land in San Diego.

The general office of the company is at No. 275 South Fourth St., Philadelphia. The officers are: President.—THOMAS A. SCOTT.

Vice Presidents.—FRANK S. BOND, JOHN C. BROWN.

Assistant to the President.—JAMES P. SCOTT.

Directors.—Thomas A. Scott, Pennsylvania; Frank S. Bond, Pennsylvania; John C. Brown, Tennessee; W. W. Keefer, Pennsylvania; H. H. Houston, Pennsylvania; R. D. Barclay, Pennsylvania; Marshall O. Roberts, New York; Henry G. Stebbins, New York; William Thaw, Pennsylvania; W. T. Walters, Maryland; Alfred Gaither, Ohio; W. C. Hall, Kentucky; W. S. McManus, Pennsylvania; T. L. Nesmith, California; W. M. Harrison, Texas.

Treasurer.—GEORGE D. KRUMBHAER.

Secretary.—CHAS. E. SATTERLEE.

Transfer Agent.—E. B. HART, 50 Exchange Place, New York.

#### Norfolk and Albemarle Sound Survey.

Capt. Charles B. Phillips, of the United States engineering corps, and his surveying party left Norfolk on the 4th inst. to make a thorough survey of the most practicable route for military and commercial purposes between Norfolk harbor and the Albemarle sound, for which the sum of twenty thousand dollars was appropriated by Congress. The party embraces some forty men, two steamers and two large barges, fitted up for sleeping and living on. One-half go by the Albemarle and Chesapeake canal, reaching Albemarle sound by way of North River, and the other through the Dismal Swamp canal and the Pasquotank river. The southern termini of these routes, both already opened, are within five miles of each other on the sound, and both terminate northwardly on the

southern branch of the Elizabeth river. The survey is not restricted to these routes, and all practicable lines will meet with consideration, but there can be little doubt that one of the two will be indorsed by the survey.

#### Central Railroad of New Jersey.

There was recorded on the 7th inst. in the Register's office a mortgage made by the Central Railroad Company of New Jersey to John S. Kennedy, John Edgar Johnson and Jacob D. Vermyle, bankers, as trustees for bondholders to secure \$5,500,000. The mortgage covers the entire franchise lease and rolling stock. The instrument is very voluminous and carefully prepared, and has been recorded in every county of Pennsylvania and New Jersey through which the road runs. The bonds are issued in accordance with an agreement made by the company with divers of its stockholders and creditors to adjust the affairs of the company without a foreclosure. Among other clauses in the instrument (which is dated May 1, 1878) is one which states that the new bonds are exchangeable for those of the old issue.

**C** The Chicago and Michigan Lake Shore Railroad will be sold at Grand Rapids, Michigan, on the 15th of November, under a decree of foreclosure. It will be sold in four lots: First, The road from New Buffalo, Mich., to Montague, 148 miles, this section being subject to a prior mortgage for \$500,000. Sec. nd. The line from Montague to Pentwater, 27 miles, with the right of way, etc., from Pentwater to Manistee. Third, The branch from Holland to Grand Rapids, 24½ miles. Fourth, The branch from Muskegon to Big Rapids, 51 miles. Arrangements have been made for the purchase of the road by the bondholders.

**C** The Directors of the New York Elevated Railroad have decided to open the road on the East Side to Sixty-seventh street on Monday next. They have also decided to begin running trains till midnight on Sunday next, and to continue doing so thereafter, from Sixty-seventh street to the Battery on the East Side, and from Fifty-ninth street to the Battery on the West Side.

**C** The Cataqua and Fogelsville Railroad Company have contracted with Messrs. Fairbanks & Ewing, Philadelphia, Penn., for a railroad track scale 112 feet long and 250,000 pounds capacity, similar to those in use by the Pennsylvania, Philadelphia and Reading, and Lehigh Valley Railroads, for weighing trains of coal cars while in motion.

**C** Most of the grading on the new railroad at Cumberland will be completed by September 15, but rails will not be laid before November 1. One hundred and eighty men are now employed on the road.

**C** The General Term of the Supreme Court has decided to permit the building of a marginal railroad on Coney Island within a few feet of the water, over the route selected by the Commissioners appointed for that purpose.

**C** George A. Cox, of Peterboro, has been elected President, and Charles Percy, formerly of the Great Western Railway, Manager of the Midland (Canada) Railway.

## RAILROAD EARNINGS—MONTHLY.

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Atchison, Tope. & San. Fe :													
1875.	68,659	78,410	104,051	112,474	107,644	104,437	113,450	152,215	147,552	199,926	178,953	152,584	1,592,359
1876.	117,417	144,132	180,246	197,996	219,370	186,641	198,851	248,138	265,593	297,958	225,793	204,447	2,486,589
1877.	134,564	136,350	189,130	200,681	189,915	185,731	187,142	255,572	275,042	342,822	335,078	246,778	2,679,108
1878.	174,598	184,885	306,000	290,500	291,500	251,000	330,000	467,000	.....	.....	.....	.....	.....
Burlington, Cedar Rapids and Northern :													
1877.	73,964	68,094	73,194	72,434	71,605	69,357	73,309	113,625	.....	.....	.....	.....	.....
1878.	165,411	147,196	125,141	115,277	139,490	101,014	95,007	104,444	.....	.....	.....	.....	.....
Central Pacific :													
1875.	963,933	906,159	1,136,263	1,366,984	1,798,469	1,738,370	1,536,225	1,553,014	1,567,622	1,615,974	1,513,836	1,339,209	17,021,016
1876.	994,339	1,017,204	1,184,683	1,427,035	1,757,415	1,646,270	1,541,323	1,696,154	1,871,876	1,886,066	1,675,532	1,424,817	18,146,944
1877.	1,170,615	945,171	1,245,373	1,438,659	1,554,652	1,484,232	1,391,867	1,385,000	1,420,535	1,696,009	1,597,000	1,347,000	16,676,107
1878.	1,125,000	974,000	1,224,410	1,510,000	1,574,000	1,460,000	1,517,000	.....	.....	.....	.....	.....	.....
Chicago and Alton :													
1875.	319,928	328,219	363,627	367,956	351,004	382,233	387,445	411,960	490,283	489,019	395,779	369,311	4,656,764
1876.	305,597	346,850	355,527	364,000	423,645	451,083	403,671	510,795	524,344	532,868	367,898	374,351	4,960,529
1877.	351,608	325,047	345,454	339,385	311,266	358,982	305,927	491,728	480,933	445,597	391,616	316,799	4,464,343
1878.	316,711	298,966	357,297	335,999	357,365	349,505	435,256	563,728	.....	.....	.....	.....	.....
Chicago and Northwestern :													
1875.	825,469	671,784	970,064	1,024,389	1,164,459	1,052,890	1,257,892	1,098,634	1,206,806	1,409,168	1,196,333	933,339	12,811,227
1876.	808,842	854,627	944,450	919,978	1,090,752	1,263,087	1,035,524	1,904,715	1,204,072	1,433,957	1,144,319	926,852	12,631,174
1877.	730,602	722,367	812,080	867,603	940,978	928,885	934,888	1,141,310	1,559,368	1,471,214	1,138,119	928,748	12,176,162
1878.	997,780	1,004,194	954,864	1,138,474	1,346,003	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Burl. & Quincy :													
1877.	876,835	871,768	898,055	960,198	917,447	957,734	829,300	.....	.....	.....	.....	.....	.....
1878.	1,045,467	911,150	1,169,831	1,118,736	1,275,516	897,090	946,427	.....	.....	.....	.....	.....	.....
Chicago, Mil. & St. Paul :													
1875.	466,101	323,273	502,765	639,669	718,465	742,169	842,395	630,516	741,206	974,262	927,030	747,893	8,255,744
1876.	527,546	517,112	567,644	650,961	819,562	877,693	685,270	569,775	645,831	817,259	765,230	610,288	8,054,171
1877.	375,554	403,883	468,570	514,783	607,141	588,223	555,610	677,050	1,188,999	1,183,134	892,027	669,921	8,114,894
1878.	706,000	668,000	663,000	785,000	799,000	636,000	648,000	523,000	.....	.....	.....	.....	.....
Clev., Col., Cin. & Ind. :													
1875.	277,140	255,239	301,666	304,424	303,689	285,947	291,386	306,105	383,550	364,738	367,295	333,038	3,774,217
1876.	296,258	329,321	299,675	297,526	315,950	320,783	263,177	335,895	367,601	333,298	282,631	234,343	3,676,458
1877.	229,388	252,445	257,314	292,778	291,483	287,131	226,990	355,271	321,367	335,975	297,056	287,458	3,434,356
Denver and Rio Grande :													
1877.	43,270	40,182	49,944	51,400	68,052	57,502	74,276	84,572	.....	.....	.....	.....	.....
1878.	60,015	55,065	64,300	80,927	87,005	90,350	121,574	119,700	.....	.....	.....	.....	.....
Hannibal & St. Joseph :													
1875.	94,532	116,286	138,779	147,439	125,890	122,455	113,131	153,068	154,634	173,911	169,639	151,709	1,661,473
1876.	142,968	156,111	174,335	148,573	141,289	141,426	138,087	171,381	187,575	188,976	178,401	158,812	1,927,933
1877.	122,796	132,961	157,217	186,966	162,719	165,449	129,781	184,210	211,917	220,000	174,749	136,492	2,014,867
1878.	132,148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois Central :													
1874.	583,998	517,674	561,793	586,962	672,234	692,416	627,454	711,969	758,536	838,307	668,943	680,435	7,900,721
1875.	591,031	481,681	595,519	610,459	604,881	602,505	715,899	613,446	718,101	816,508	773,092	679,434	7,802,556
1876.	553,574	577,702	580,004	530,269	606,134	666,125	494,529	600,179	616,292	707,988	575,306	532,867	7,040,969
1877.	466,656	459,123	477,102	430,557	464,523	482,162	474,086	666,609	791,512	791,912	597,060	544,543	6,639,845
1878.	592,680	500,027	542,471	523,353	594,168	536,110	589,863	660,697	.....	.....	.....	.....	.....
Kansas Pacific :													
1877.	180,240	181,094	230,284	258,198	250,507	253,652	274,362	304,842	.....	.....	.....	.....	.....
1878.	198,640	172,995	275,282	279,468	281,491	223,523	291,634	390,993	.....	.....	.....	.....	.....
Lake Shore & Mich. South'n :													
1874.	1,569,750	1,363,355	1,491,280	1,518,122	1,373,678	1,335,319	1,225,831	1,414,819	1,532,602	1,589,497	1,335,892	1,365,986	17,146,131
1875.	1,163,564	1,037,518	1,287,841	1,275,664	1,100,142	1,055,699	1,079,808	1,178,324	1,306,826	1,392,487	1,275,955	1,280,371	14,434,199
1876.	1,097,272	1,095,529	1,193,734	1,179,898	1,178,639	1,142,228	1,020,615	1,197,992	1,350,984	1,318,194	1,122,314	1,051,777	13,949,177
1877.	885,942	980,970	1,192,162	1,181,478	1,153,821	1,066,795	788,380	1,226,875	1,287,878	1,364,595	1,146,761	1,229,502	13,505,159
Michigan Central :													
1877.	464,052	512,472	534,213	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1878.	543,877	510,136	578,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mo., Kan. & Texas :													
1876.	256,459	254,722	245,814	214,788	212,928	233,126	224,308	294,361	324,144	335,275	324,856	296,466	3,217,277
1877.	237,032	235,308	247,505	221,656	231,307	258,123	253,125	323,347	307,179	329,531	274,184	256,021	3,174,320
1878.	217,029	181,118	236,546	206,7-6	206,757	207,514	219,926	294,835	.....	.....	.....	.....	.....
Missouri Pacific :													
1877.	265,903	265,339	330,120	332,169	.....	.....	.....	.....	.....	.....	.....	.....	.....
1878.	294,811	279,866	362,772	334,535	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia and Reading :													
1874.	683,128	737,381	1,190,328	1,321,509	1,433,450	1,373,229	895,453	1,066,632	1,468,807	1,857,429	1,375,639	958,136	14,361,121
1875.	447,172	417,644	575,740	650,270	689,193	917,514	1,555,974	1,631,339	1,656,258	1,722,954	1,438,733	938,030	11,240,921
1876.	619,631	553,201	696,430	1,323,978	1,312,267	970,456	923,449	1,110,772	1,227,469	1,386,199	1,166,628	793,106	12,082,566
1877.	711,730	673,036	831,991	1,160,898	1,151,795	1,027,314	917,328	1,248,716	1,331,582	1,330,857	934,658	1,306,434	12,556,239
1878.	610,768	482,238	658,991	903,765	1,101,497	1,267,874	854,164	.....	.....	.....	.....	.....	.....
St. Louis, I. Mt. & South'n :													
1876.	327,190	312,116	295,000	273,002	264,900	252,643	252,821	274,160	354,914	437,901	450,332	486,300	3,980,581
1877.	377,203	350,773	287,903	289,696	274,164	277,320	374,165	401,700	512,200</td				

## AMERICAN RAILROAD BOND LIST.

Asterick (\*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.			Description of Bonds.	Amount.	Rate.	Interest Payable.		
			When.	Where.	Due.				When.	Where.	Due.
Adirondack:						Blue Ridge, (S. Car.):					
1st Mortgage.....	940,000	7	Jan. & July.	New York.	1886	1st Mort. guar. by State (gold).....	4,000,000	7*	Jan. & July.	Charleston.	1898
Alabama and Chattanooga:						Boston and Albany:					
1st Mortgage, guar. by Ala. ....	5,200,000	8*	Jan. & July.	New York.	1889	Currency bonds of Feb. 1, 1872.....	5,000,000	7	Feb. and Aug.	Boston.	'91-'92 112
Receiver's Bonds.....	1,200,000	7	"	"		Loan of 1875.....	2,000,000	6	Jan. & July.		1895 107
Alabama and Georgia:						Boston, Clinton and Fitchburg:					
1st Mortgage, guar. by Ala. & Ga. ....	16,000,000	8	Jan. & July.	New York.	1891	1st Mortgage (Agricultural Br.).....	400,000	6	Jan. & July.	Boston.	1884 85
Alabama Central:						1st Mortgage (Equalization).....	300,000	7	"		1889 92
1st Mortgage.....	1,800,000	8	Jan. & July.	New York.	1901	1st Mortgage (Consolidation).....	252,000	7	"		1890 96
Albany and Susquehanna:						Equipment Mortgage.....	870,000	8	Apr. and Oct.		1881 90
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1888	Sinking Fund Mortgage.....	624,000	6	Jan. and July.	Boston.	1889 92
2d Mortgage.....	2,000,000	7	April & Oct.	"		Consol. Mortgage for \$2,000,000.....	1,341,000	7	Apr. and Oct.	Boston.	1893 100
3d Mortgage.....	253,000	7	May & Nov.	"		346,000	6	"	"		1893 ***
Albany Loan.....	933,000	6	"	"		Boston, Hartford and Erie:					
Cohol. M. (guar. by D. & H. Co.)	1,595,000	7	April & Oct.	"		1st Mortgage (old).....	273,000	7	Mar. and Sept.	Boston.	1884 ***
Alexandria and Fredericksburg:						1st Mortgage (Berdell).....	15,000,000	7	Jan. and July.	New York.	1900 26
1st Mortgage.....	1,000,000	7	June & Dec.	Philadelphia.	1890	1st Mortgage, guar. by Erie.....	5,000,000	7	"	"	1900 26
Allegheny Valley:						Mass. L. (sec'd by \$4,000,000 Ber.).....	3,600,000	7*	"	Boston.	1899 ***
General Mortgage.....	3,967,000	7.3	Jan. & July.	New York.	1896	Boston and Lowell:					
Special Mortgage to Penn.....	3,500,000	5	January.	Harrisburg.		Bonds (Wharf Purchase).....	200,000	6	Apr. and Oct.	Boston.	1879 101
1st M. E. Ext., guar. by Pa. R.R.	9,938,000	7	April & Oct.	Phil. or Lond.	1900	Bonds of 1872 for \$1,000,000.....	992,500	7	"	"	1892 112
Funding Income (traffic guar.)	5,402,900	7	"	Pittsburgh.	1894	Bonds of 1875.....	500,000	7	Mar. and Sept.		1895 110
America in Central:						Bonds of 1876.....	425,000	6	Jan. and July.		1896 108
1st Mort., guar. by C. B. & Q.	536,000	7	Jan. & July.	New York.	1878	Boston and Maine:					
Androscoggin:						Bonds of 1893 (coup. and reg.).....	3,200,500	7	Jan. and July.	Boston.	93-'94 115
1st Mortgage (Bath Loan).....	425,000	6	Jan. & July.	Bath, Me.	1891	Boston and New York Air Line:					
Arkansas Central (narrow gauge):						1st mortgage.....	500,000	7	Feb. and Aug.	New York.	1895 102
1st Mortgage.....	1,200,000	7*	Jan. & July.	Lond. or Ama.	1891	Boston and Providence:					
Ashtabula, Youngstown & Pitts.						Bonds to purchase P. W. & B. Rd.	500,000	7	Jan. and July.	Boston.	1893 115
1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1901	Brunswick and Albany:					
2d Mortgage, Income.....	400,000	7	Jan. and July.	Pittsburgh.	1904	1st Mort. (gold) end. by Ga. tax fr.	3,630,000	6*	Apr. and Oct.	New York.	1906 ***
Atchison and Nebraska:						2d Mort. sinking fund gold.....	2,360,000	7*	"	"	1893 ***
1st Mortgage.....	3,750,000	8	March & Sept.	Boston.	1896	Buffalo, Bradford and Pittsburg:					
Atchison, Topeka and Santa Fe:						General Mortgage.....	580,000	7	Jan. & July.	New York.	1896 ***
1st Mortgage (gold).....	7,041,000	7*	Jan. & July.	New York.	1899	Buffalo, Corry and Pittsburg:					
Land Grant Mortgage (gold).....	3,366,000	7*	April & Oct.	Boston.	1900	1st Mortgage.....	700,000	7	Jan. and July.	New York.	1896 ***
1st Mort. (Wichita Br.) (traf. guar.)	412,000	7*	Jan. & July.	"		Buffalo and Erie:					
Pottawatomie Land Grant.....	439,000	7	May & Nov.	N. Y. or Boat.	1879	Mort. bonds (ass'd by LS&MS).....	200,000	7	Jan. and July.	New York.	1882 ***
Consol. Second Mort. (gold).....	3,349,000	7*	April & Oct.	"		Mort. bonds ( " ).....	300,000	7	March & Sept.	"	1886 ***
Land Income bonds.....	480,000	12	Jan. & July.	Boston.		Mort. bonds ( " ).....	2,844,000	7	Apr. and Oct.	"	1898 114
Atlanta and Richmond Air Line.						Buffalo and Jamestown:					
1st Mortgage (guar. by Georgia).....	4,248,000	8	Jan. & July.	New York.	1900	Mortgage.....	1,000,000	6*	"	New York.	1902 ***
Atlanta and Great Western:						Buffalo, New York and Erie:					
1st Mortgage (gold).....	14,922,200	7*	Jan. & July.	N. Y. or Lond.	1902	1st Mortgage Renewal Bonds.....	2,380,000	7	June & Dec.	New York.	1916 105
2d Mortgage (gold).....	10,173,679	7*	March & Sept.	"		Buffalo, New York & Phila.:					
3d Mortgage (gold) Income.....	28,783,000	7*	May & Nov.	"		1st Mortgage.....	2,296,000	6*	Jan. & July.	New York.	1896 93
Atlantic and Gulf:						2d Mortgage for \$1,000,000.....	281,500	10	"	"	1893 ***
Consolidated 1st Mortgage.....	2,310,200	7	Jan. & July.	New York.	1887	1st Mortgage.....	6,500,000	5	June & Dec.	New York.	1906 69
1st Mortgage (S. Ga. & Fla. R.R.)	464,000	7	May & Nov.	"		1st Mort. (Minn. & St. Louis).....	150,000	7*	Jan. & July.	"	1911 ***
2d Mortgage (S. Ga. & Fla. R.R.)	200,000	7	"	"		Burlington and Missouri River:					
Atlantic and Lake Erie:						Land and R. R. Mortgage.....	4,638,250	7	April & Oct.	N. Y. & Boat.	1893 112
1st Mort. (gold) for \$5,000,000.....						Stock Bonds pref. 3d lien.....	208,500	8	Jan. & July.	Boston.	1878 ***
Atlantic, Miss. and Ohio (428 m.):						Stock (common) Bonds.....	259,500	8	April & Oct.	N. Y. & Boat.	1879 106
1st Mortgage for \$15,000,000.....	5,470,000	7*	April & Oct.	New York.	1901	Stock (common) Bonds.....	280,000	8	Jan. & July.	"	1894 106
2d Mort. to State (no int. till '80).....	4,000,000					Stock (common) Bonds.....	401,000	8	"	"	1890 ***
Atlantic and Pacific:						Burlington and Mo. Riv. in Neb.:					
Land Mortgage gold bonds.....	2,829,000	6*	Jan. & July.	New York.	1888	1st Mortgage convertible.....	5,715,000	8	Jan. & July.	N. Y. & Boat.	1894 119
2d Mortgage for \$3,000,000 (gold).....	2,015,500	6*	May & Nov.	"		Bonds convertible until 1892.....	600,000	8	"	Boston.	1883 109
1st Mort. (So. Pac. R. R.) assumed.....	7,185,500	6*	Jan. & July.	"		Burlington and Southwestern:					
1st Mort. (Central Div.) gold.....	1,190,000	6*	May & Nov.	"		1st Mortgage (\$20,000 per mile).....	1,800,000	8	May & Nov.	Boston.	1891 13
1st Mort. (Central Div.) L. G. ....	794,000	6*	"	"		Cairo and Fulton (Arkansas):					
Equipment Bonds.....	753,000	10	June & Dec.	"		1st Mort. (R. R. and lands) S. F. ....	8,000,000	7*	Jan. & July.	New York.	1891 ***
Income Bonds (for funding).....	529,600	6*	"	"		Cairo and St. Louis (3 ft. gauge):					
Land Debentures.....	500,000	10	J. A. J. & O.	"		1st Mortgage.....	2,500,000	7	April & Oct.	New York.	1901 ***
Atlantic and St. Lawrence:											
Sterling bonds (not Mort.) of 1853.....	484,000	6*	May & Nov.	London.	1878	Cairo and Vincennes:					
2d Mortgage (sterling) of 1864.....	1,500,000	6*	April & Oct.	"		1st Mortgage, gold.....	3,500,000	7*	April & Oct.	N. Y. & Lond.	1900 ***
3d Mortgage (sterling) of 1871.....	713,000	6*	May & Nov.	"		2d Mortgage.....	1,500,000	7*	Jan. & July.	"	1898 ***
Portland City Bonds, 1st M., s. f. ....	787,000	6	"	Portland.	1886	California Pacific:					
Bald Eagle Valley:						1st Mortgage, sinking fund.....	2,250,000	7*	Jan. & July.	New York.	1889 ***
1st Mortgage.....	354,000	6	Jan. & July.	Philadelphia.	1881	Extension, or 2d Mortgage.....	3,500,000	7*	"	"	1889 ***
2d Mortgage.....	100,000	7	"	"		2d Income, or double track b'ds.....	1,000,000	6*	Jan. & July.	"	1891 ***
Baltimore and Ohio:						Camden and Amboy:					
Loan of 1850-'51.....	579,500	6	Jan. & July.	Baltimore.	1880	Loan of 1883.....	1,700,000	6	Feb. & Aug.	Philadelphia.	1883 103
Loan of 1855-'56.....	1,710,000	6	April & Oct.	"		Loan of 1889.....	886,000	6	June & Dec.	Princeton.	1889 102
Loan of 1855-'59 (Balt.) skg fd. ....	3,151,122	6	Jan. & July.	"		Mortgage Loan of 1889.....	5,000,000	6	May & Nov.	Philadelphia.	1889 110
Loan of 1870-'75 (stg.) skg fund.....	3,273,956	6*	March & Sept.	London.	1895	Sterling Loan, S. F. (\$262,000).....	1,286,080	6*	Feb. & Aug.	London.	1890 ***
Loan of 1872-'1902 (stg.) S. F. ....	9,029,552	6*	"	"		Camden and Atlantic:					
Baltimore and Potomac:						1st Mortgage.....	400,000	7*	Jan. & July.	Philadelphia.	1893 114
1st Mort. (Tunnel) gold guar.....	1,500,000	6*	Jan. & July.	Baltimore.	1911	2d Mortgage.....	500,000	7	April & Oct.	"	1879 102
1st Mortgage (R. R.) gold guar.....	3,000,000	6*	April & Oct.	"		Camden and Burlington County:					
1st Mort. (Banger loan).....	600,000	6	April & Oct.	Boston.	1899	Consolidated 1st Mortgage.....	350,000	6	Feb. & Aug.	Philadelphia.	1897 100
1st Mort. (Banger loan) exten's'n.....	120,000	7	"	"		Canada Southern:					
Bay City and East Saginaw:						1st Mort. (skg fd) for \$9,000,000.....	9,000,000	7*	J. J. & July.	New York.	1906 ***
1st Mort. guar. by F & P. Mrq. Co.						Cape May and Millville:					
Bedford and Bridgeport:						2d Mort. guar. by W. Jersey R.R. ....	400,000	7	April & Oct.	Camden.	95
1st Mortgage.....	1,000,000	7	April & Oct.	Philadelphia.	1892	Carbondale and Shawneetown:					
Belfast and Moosehead Lake:						1st Mortgage.....	200,000	7*	Jan. & July.		1902 ***
1st Mortgage (gold).....	150,000	6	May & Nov.	Portland.	1890	Carolina Central:					
Bellefonte and Snow Shoe:						1st Mortgage.....	3,000,000	6*	Jan. & July.	New York.	1923 ***
1st Mortgage.....	99,000	6	"	Philadelphia.	1883	2d Mortgage - Income Bonds.....	3,000,000	7	April & Oct.	"	1914 ***
Belfontaine and Indiana:						1st Mort. guar. by C. B. and Q. ....	266,000	8	May & Nov.	New York.	1879 101
1st Mort. ass'd by C. C. C. & I.	453,000	7	Jan. & July.	New York.	1890	Catawissa:					
Bellefontaine and Southern Illinois:						1st Mortgage (old).....	230,500	7	Feb. & Aug.	Philadelphia.	1882 ***
1st Mort. guar. by St. L. A. & T. H. ....	1,100,000	8	April & Oct.	New York.	1896	1st Mortgage (new).....	1,300,000	7	"	"	1900 103
Beitoit and Madison (C. & N.W.):						Chattel Mortgage.....	209,850	6	May and Nov.	"	1882-83 ***
1st Mortgage (guaranteed).....	284,000	7	Jan. & July.	New York.	1888	Cayuga Lake:					
Belvidere Delaware:						1st Mortgage.....	800,000	7	June and Dec.	New York.	1911 ***
1st Mortgage (guar. by C. & A. Co. and	1,000,000	6	June & Dec.	New York.	1902						
2d Mortgage (A. Co. and	499,600	6	March & Sept.	Philadelphia.	1886	Cazenovia and Canastota:					
3d Mortgage (Penn. R. R. Co.) ....	745,000	6	Feb. & Aug.	"		1st Mortgage, gold.....	250,000	7	Feb		

## AMERICAN RAILROAD BOND LIST.

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate	Interest Payable.			Description of Bonds.	Amount.	Rate	Interest Payable.		
			When.	Where.	Due.				When.	Where.	Due.
Cedar Rapids & Mo. Riv. (C. & NW):	\$						Chicago, Iowa and Nebraska:	\$			
1st Mortgage, 1st Div. \$10,000 p.m.	678,000	7	Feb. & Aug.	New York	1891	102 <sup>1/2</sup>	2d Mort. (now 1st) guar. C. & NW	568,200	7	Jan. & July.	Boston
1st Mortgage 2d Div. \$10,000 p.m.	582,000	7	" " 1894	"	101 <sup>1/2</sup>	2d Mort. (now 2d) guar. C. & NW	211,500	7	Feb. & Aug.	New York	
1st Mortgage 3d Div. \$16,000 p.m.	2,400,000	7	May & Nov.	" "	107	1st Mort. 1st series (Peninsular.)	1,800,000	7 <sup>*</sup>	May and Nov.	N.Y. or Lond.	
Central Branch Union Pacific:						1st Mort. 2d series ( " )	2,000,000	7 <sup>*</sup>	" "	"	
1st Mort. (Atch. & Pike's Peak).	1,600,000	6 <sup>*</sup>	May & Nov.	New York	1895	49	1st M. (Port Huron & L. Mich.)	1,800,000	7 <sup>*</sup>	" "	New York
2d Mortgage Govern't sub.sidy.	1,600,000	6	Jan. & July.	" "	1895	...	2d Mortgage (Peninsular.)	640,000	7	Feb. and Aug.	"
Central of Georgia:							Consolidated Mortgage.	12,000,000	6 <sup>*</sup>	" "	"
General Mort. for \$5,000,000...	2,222,000	7	Jan. & July.	N.Y. & Savan.	1893	...	Chicago and Milwaukee Railway:				
Macon & West. (Atlanta D.) b'ds	117,000	7	April & Oct.	Savannah	1890	...	1st Mort. guar. by C. and N.W.	1,700,000	7	Jan. & July.	New York
Central of Iowa:							1st Mortgage.	477,000	8	March & Sept.	Boston
1st Mortgage, gold, \$16,000 p.m.	3,700,000	7 <sup>*</sup>	Jan. & July.	New York	1899	32 <sup>1/2</sup>	1st Mortgage.	2,500,000	8	Jan. & July.	"
2d Mortgage, gold, \$4,000 p.m.	925,000	7	April & Oct.	" "	1891	...	1st Mortgage.	1,350,000	8	May & Nov.	"
Central of L. I. (Flush., N.C. & C.):							1st Mortgage (on Bran' h.)	1,325,000	8	March & Sept.	"
1st Mortgage.	1,275,000	7	May & Nov.	New York	1889	...	Chicago, Milwaukee and St. Paul:				
Central of New Jersey:							1st Mort. (La Crosse Division)	6,000,000	7	Jan. & July.	New York
Convertible bonds of 1872...	4,400,000	7	May & Nov.	New York	1902	...	1st Mort. (Mil. and Chi. Div.)	2,500,000	7	Jan. & July.	"
1st Mort. (New for \$5,000,000...)	5,000,000	7	Feb. & Aug.	" "	1891	113 <sup>1/2</sup>	1st Mort. (East. Div. Palmer.)	6	8	May & Nov.	"
Newark Branch Bonds.	600,000	7	Jan. & July.	" "	1887	...	1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan. & July.	"
Loan of Leb.C. & Nav. Co. (ass'd)	2,310,000	6	J. A. J. & O	Philadelphia	1897	...	1st Mort. (Minnesota Central.)	190,000	7	" "	"
Consol. Mort. for \$25,000,000...	15,000,000	7	" "	New York	1899	82	1st Mort. (St. Paul Division.)	4,000,000	7 <sup>*</sup>	" "	"
Central Ohio (B. and O.):							1st Mort. (Iowa and Dak. Div.)	640,000	7	" "	"
1st Mortgage guaranteed.	2,500,000	6	March & Sept.	Baltimore	1890	99 <sup>1/2</sup>	1st Mort. (Prairie du Chien Div.)	3,874,000	7	Feb. & Aug.	"
Central Pacific of California:							2d Mort. ( " )	1,315,000	7 <sup>*</sup>	" "	"
1st Mort., 30 years bonds, (gold)	25,883,000	6 <sup>*</sup>	Jan. & July.	New York	'95-'98	105 <sup>1/2</sup>	1st Mort. (Hast. and Dak. Div.)	213,000	7	Jan. & July.	"
Convertible 20 years bonds, gold	1,483,000	7 <sup>*</sup>	" "	1883	164		1st Mort. (Mil. and Western.)	234,000	7	Jan. & July.	"
State Aid B'ds (Int. by State) gold	1,500,000	7 <sup>*</sup>	" "	Sacramento	1884	105	2d Mortg. ge.	600,000	7	April & Oct.	"
2d Mort. (Governm't Subsidy)	27,865,680	6	" "	U.S. Treasury	'96-'99		Equipment and Bridge Bonds.	219,000	10	June & Dec.	"
1st Mort. (Western Pacific) gold	2,725,000	6 <sup>*</sup>	" "	New York	1899	101 <sup>1/2</sup>	Consol. Mort. for \$35,000,000...	5,801,000	7	Jan. & July.	"
1st Mort. (Calif. & Oregon) gold	8,000,000	6 <sup>*</sup>	" "	" "	1888-92	91 <sup>1/2</sup>	Preferred sinking fund (193 m.)	1,214,100	7	Feb. & Aug.	New York
1st Mort. (S. Fr., Okla. & Ala.)	500,000	5 <sup>*</sup>	" "	" "	1890	...	General 1st Mortgage (193 m.)	3,477,800	7	" "	"
1st Mort. (San Joaquin V.D.) gold	6,080,000	6 <sup>*</sup>	April & Oct.	" "	1900	95 <sup>1/2</sup>	Funded coupons (193 m.)	708,000	7	May & Nov.	"
Land bonds (Cen. Pac. Co.) gold	9,276,000	6 <sup>*</sup>	" "	1890	96		Appleton Ext. (26 m. & 76,000 ac.)	116,000	7	Feb. & Aug.	"
Central Vermont:							Green Bay Ext. (26 m. & 76,000 ac.)	255,000	7	" "	"
1st Mort., Consol. (Vt. Central.)	3,000,000	7	May & Nov.	Boston	1886	11	1st Mort. (Gal. & Chi. U.) 248 m.	1,690,000	7	" "	"
2d Mort., Consol. ( " )	1,500,000	7	June & Dec.	" "	1891	24	Elgin and State Line.	114,500	6	Jan. & July.	"
1st Mort. (Stan., Sheff. and Ch.)	500,000	7	Jan. & July.	" "	1887	28	Mississippi River Bridge.	188,000	7	" "	"
Income and Extension Bonds.	1,008,600	8	May & Nov.	" "	1892	25 <sup>1/2</sup>	1st Mortgage (Peninsula)	272,000	7	March & Sept.	"
Equipment Mort. (Vt. Central.)	1,000,000	8	" "	" "	1889	40	Consol. skg fund (C. & N.W.R.Y.)	4,693,000	7	F. M. A. & N.	"
Equipment Mort. ( " )	1,000,000	8	" "	1891	26	General Consol. Gold Bonds	12,343,000	7*	June & Dec.	"	
Bonds, guar. (Vt. and Canada)	1,000,000	8	Jan. & July.	" "	1891	26	1st Mort. S. F. (Madison Ext.)	3,150,000	7*	April & Oct.	"
Mississiquoi R.R. ( " )	500,000	7	" "	" "	1891	...	1st Mort. S. F. (Menomonie Ext.)	2,700,000	7*	June & Dec.	"
Cent. Vt. (Vt. & Ca. Mort.) b'ds	3,000,000	8	March & Sept.	" "	1894	...	1st Mort. (Chi. & Mil. R. R.) guar.	1,700,000	7	Jan. & July.	"
Charleston and Savannah:							1st Mort. (Bel. & Rad. R.) guar.	219,000	7	" "	"
1st Mortgage guar. by State...	505,000	6	March & Sept.	Charleston	1877	...	Chicago and Paducah (C. B. & Q.):	2,304,000	7*	Jan. & July.	Boston
Funded Interest on 1st Mort...	157,400	7	" "	" "	1889	...	1st Mortgage (26,000 p. m. gold)	700,000	8	Feb. & Aug.	New York
Charlotte, Columbia & Augusta:							Chi., Pekin & Southw'n (C.B. & Q.):	124,000	7	Jan. & July.	"
1st Mortgage.	1,810,500	7	Jan. & July.	New York	1895	71	1st Mortgage for \$10,000 per mile	916,000	6	Feb. & Aug.	New York
2d Mortgage.	500,000	7	April & Oct.	Baltimore	1891	...	Branch Bonds Sinking Fund.	8,920,000	6	Jan. & July.	"
Charterers:							1st Mort. gold, tax free, guar.	5,000,000	7*	May & Nov.	New York
1st Mort., guar. by Penna.	500,000	7	April & Oct.	Philadelphia	1901	...	1st Mortgage gold (Atchison Br.)	1,000,000	7*	June & Dec.	"
Cheraw and Darlington:							1st Mortgage (Mad. & Portage) g'd	600,000	7*	April & Oct.	New York
1st Mortgage dated Jan. 1, 1871.	141,000	8	April & Oct.	Charleston	1888	...	Chillicothe and Brunswick:	500,000	8	Jan. & July.	New York
2d Mortgage dated Jan. 1, 1869.	75,000	7	Jan. & July.	" "	1888	...	1st Mort., guar. by St. L. K. C. & N.	1,248,000	7	May & Nov.	"
Cherry Valley, Sharon and Alb.:							Cincinnati, and Baltimore:	496,000	7	Jan. & July.	"
1st Mort. con. guar. by A. & S. Co.	300,000	7	June & Dec.	New York	1890	...	1st Mort. guar. by B. & O. & M. & C.	986,000	7	April & Oct.	"
Chesapeake and Ohio:							Cincinnati, Hamilton and Dayton:	1,846,000	7	Jan. and July.	"
1st M. (gold) skg fd for \$15,000,000	15,000,000	6 <sup>*</sup>	May & Nov.	New York	1899	27	1st Mortgage of 1863...	1,248,000	7	May & Nov.	New York
1st Mort. Extension. (cou. or reg)	5,426,900	7 <sup>*</sup>	Jan. & July.	" "	1890	...	2d Mortgage of 1865...	496,000	7	Jan. & July.	"
1st Mort. (Va. Cen.) guar. by Va.	100,000	6	" "	" "	1880	...	Consol. S. F. M. for \$3,000,000.	986,000	7	April & Oct.	"
2d Mort. ( " ) coupon...	902,000	6	" "	" "	1884	...	Cincinnati, Ham. & Ind. (C. H. & D.):	1,846,000	7	Jan. and July.	New York
Income ( " ) coupon...	300,000	6	" "	" "	1876	...	1st Mort., guar. for \$2,500,000...	1,120,000	7*	March & Sept.	New York
Funded Interest, coupon....	160,500	8	" "	" "	1877	...	1st Mort. (L. C. & Ia. F.)	471,000	7	June & Dec.	"
Chester:							1st Mort., guar. by L. C. & Ia. F.	400,000	7	Feb. & Aug.	New York
Coupon bonds (no Mort.)...	813,700	6	Jan. & July.	Boston	'77-'96	100 <sup>1/2</sup>	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	New York
Chester Creek (Phil. & Balt. Cent.):							1st Mort., guar. for \$2,500,000...	1,120,000	7*	March & Sept.	New York
1st Mort., guar. by P. W. & B.	185,000	6	Jan. & July.	Philadelphia	1903	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Chester and Tamaqua:							1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mortgage.							1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Chicago and Alton:							1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mortgage.							1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
2d Mortgage Income.	2,400,000	7	Jan. & July.	New York	1893	114 <sup>1/2</sup>	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Consol. Bonds (\$200 stg. each.)	4,379,850	6 <sup>*</sup>	Jan. & July.	London	1903	99	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (St. L. J. & C.) assumed	564,000	7	April & Oct.	New York	1894	109 <sup>1/2</sup>	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
2d Mort. ( " )	188,000	7	Jan. & July.	" "	1895	63	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (Louisiana and Mo.)	1,851,000	7	Feb. & Aug.	Boston	1890	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Chicago, Burlington and Quincy:							1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Trust Mortgage skg fund....	2,570,000	8	Jan. & July.	New York	1882	112 <sup>1/2</sup>	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Trust Mortgage, skg fund conv.	150,000	8	" "	" "	1883	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Trust Mortgage (Burl. to Peoria)	667,000	7	April & Oct.	" "	1890	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Loan of 1872....	1,918,475	7	Jan. & July.	Boston	1896	112 <sup>1/2</sup>	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Bonds of 1878, Sinking Fund....	448,000	5	June & Dec.	" "	1895	63	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
Consol. Mortgage for \$30,000,000.	10,433,000	8	" "	" "	1895	63	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (Am. Cen. R. R.) guar.	386,000	8	" "	New York	1878	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (Car. and Bur.) guar.	266,000	5	May & Nov.	" "	1879	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (Dix, Peo. & Han.) guar.	583,500	8	Jan. & July.	" "	1889	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (Ill. Gr. & Frank.) guar.	90,000	8	April & Oct.	Boston	1890	...	1st Mort., guar. by C. & L. (C. H. & D.):	1,846,000	7	Jan. and July.	"
1st Mort. (Keok. & St. Paul.) guar.	318,000	8	" "	" "	1879						

## AMERICAN RAILROAD BOND LIST.

Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

## AMERICAN RAILROAD BOND LIST.

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Price.
			When.	Where.					When.	Where.	
Florida:											
1st Mortgage conv. gold.....	2,300,000	7*	Jan. & July.	N. Y. & Lond.	1880	....	Huntingdon and Broad Top Mt.:	\$			
Flushing, North Shore and Cent.:							1st Mortgage gold.....	416,000	7*	April & Oct.	Philadelphia
2d Mort. (Flush'g and N. Side.)	800,000	7	May & Nov.	New York	1889	....	2d Mortgage.....	267,500	7*	Feb. & Aug.	"
"	400,000	7	" "	"	1900	....	Consolidated Mortgage.....	1,383,000	7	April & Oct.	"
1st Mort. (Central of L. I.)....	1,000,000	7	Mar. & Sept.	"	1902	....	Illinois Central:				
1st Mort. (Cent. R. R. Exten.)	200,000	7	May and Nov.	"	1903	....	Redemption bonds, currency.....	2,500,000	6	April & Oct.	New York
1st Mort. (North Shore).....	149,000	7	Feb. & Aug.	"	1885	....	Sterling Bonds, £300,000. ....	2,500,000	6*	"	London
1st Mort. (Whitestone & W.)....	93,000	7	Jan. & July.	"	1893	....	Sterling Bonds, Sinking Fund.....	4,504,006	5*	"	"
1st Mort. (N. Y. & Flushing)....	25,000	7	Mar. & Sept.	"	1880	....	Sterling Bonds, £200,000. ....	1,000,000	5*	June & Dec.	"
Fonda, Johnstone & Gloversville:							Illinois Grand Trunk (C. B. & Q.):				
1st Mortgage.....	300,000	7	Jan. & July.	New York	1890	....	1st Mortgage, guaranteed.....	900,500	8	April & Oct.	Boston
Fort Wayne, Jackson & Saginaw:							Indiana and Illinois Central:				
1st Mortgage, traffic guarantee.....	1,500,000	8	Jan. & July.	New York	1889	424	1st Mortgage gold.....	3,500,000	7*	Jan. & July.	New York
2d Mortgage (Equipment).....	500,000	8	April & Oct.	"	1881	....	Indiana North and South:				
Fort Wayne, Muncie & Clin.:							1st Mort. (Nor. Div.) \$22,000 p.m.	1,700,000	7*	March & Sept.	New York
1st Mortgage.....	1,800,000	7*	April & Oct.	Boston	1899	....	1st Mortgage gold.....	5,000,000	7*	April & Oct.	New York
2d Mortgage.....	"	7	" "	"	1898	....	1st Mortgage Extension gold.....	5,630,000	7*	Jan. & July.	"
Framingham and Lowell:							2d Mortgage.....	1,600,000	8	"	"
1st Mortgage.....	500,000	7	April & Oct.	Boston	1890	90	1st Mort. assumed by J. M. & I. ....	397,000	7	May & Nov.	New York
2d Mortgage.....	100,000	8	" "	"	1883	89	Indianapolis & Vincennes:				
Frederick and Pennsylvania Line:							1st Mortgage guar. by Pa. R. R. ....	1,700,000	7	Feb. & Aug.	New York
1st Mortgage gold.....	150,000	6*	April & Oct.	Baltimore	1901	....	2d Mortgage guar. by Pa. R. R. ....	1,450,000	6	May & Nov.	"
Fremont, Wkhorn & Mo. (SC&P):							International and Gt. Northern:				
1st Mortgage.....	600,000	7	April & Oct.	.....	1901	31	1st Mortgage s.f. (Intern. R. R.) ....	3,040,000	7*	April & Oct.	New York
Galena & Chic. Union (C. & N. W.):							Convertible B'ds ( " ) ....	1,473,000	8	Feb. & Aug.	"
1st Mortgage.....	1,692,000	7	Feb. & Aug.	New York	1882	1944	1st Mortgage (Hous. & Gt. N. R. R.) ....	4,211,000	7	Jan. & July.	"
Galv., Harrisburg & San Antonio:							Convert. B'ds ( " ) ....	1,677,000	8	Feb. & Aug.	"
1st Mortgage.....	1,700,000	6*	Feb. & Aug.	Lond. or Bost.	1910	....	Indianapolis, Cin. and Lafayette:				
Galveston, Houston & Henderson:							1st Mortgage of 1867.....	2,800,000	7	Feb. & Aug.	New York
1st Mortgage.....	1,493,000	7*	Jan. & July.	New York	1890	90	1st Mortgage of 1869.....	2,000,000	7	June & Dec.	"
Geneva, Ithaca and Athens:							Funded Interest Bonds, coupon.....	469,100	7	March & Sept.	"
1st Mortgage, skg. fd., guar. ....	600,080	7*	Jan. and July.	New York	1890	....	Equipment Bonds, registered.....	375,000	10	"	"
Georgia (and Banking):							1st Mort. (Ind. polis. & Cin.) 1858. ....	1,600,000	7	April & Oct.	"
Company bonds (debentures)....							1st Mort. (Cin. & Indiana) ....	499,000	7	June & Dec.	"
Gilman, Clinton & Springfield:							2d Mort. ( " ) guar. ....	1,497,000	7	Jan. & July.	"
1st Mortgage gold.....	2,000,000	7*	March & Sept.	N.Y. & Lond.	1900	....	Indianapolis and St. Louis:				
2d Mortgage gold.....	1,000,000	8*	Jan. & July.	"	1892	....	1st Mortgage.....	7	Jan. & July.	New York	
Goshen and Deckertown (Erie):							1st Mortgage.....	2,000,000	7	March & Sept.	"
1st Mortgage.....	246,500	7	Jan. & July.	New York	1888	....	1st Mortgage.....	7	April & Oct.	"	
Grand Rapids & Indiana:							2d Mortgage.....	1,000,000	7	"	"
1st Mortgage L. G. guar. gold. ....	4,000,000	7*	Jan. & July.	New York	1889	95	Equipment Mortgage.....	378,000	10	Jan. & July.	"
1st Mort. L. G. not guar. gold. ....	3,224,000	7*	April & Oct.	"	1899	301	Ionia and Lansing (D. L. & M.):				
Grand River Valley (Mich. C.):							1st Mortgage traffic guar. ....	770,000	8	Jan. & July.	New York
1st Mort., assumed by Lessees. ....	1,000,000	8	Jan. & July.	New York	1886	101	2d Mortgage.....	81,000	8	May & Nov.	"
2d Mortgage, guar. by Lessees. ....	500,000	8	March & Sept.	"	1879	85	Iowa Falls and Sioux City:				
Grand Trunk (Ca.):							1st Mortgage.....	2,960,000	7	April & Oct.	New York
Equipment Bonds £500,000....	2,500,000	6*	April & Oct.	London	1877	....	Iowa Midland (C. & N. W.):				
Equipm't Bonds No. 2 £500,000	2,500,000	6*	Jan. & July.	"	1920	....	1st Mort., \$15,000 p.m., guar. ....	1,350,000	8	April & Oct.	New York
Postal & Military b'ds £1,200,000	6,000,000	6*	Feb. & Aug.	Perp.	1880	....	Ironton (Penn.):				
1st Preference Bonds £3,218,149	16,090,745	5*	Jan. & July.	"	1881	....	1st Mortgage.....	100,000	7	May & Nov.	Philadelphia
2d Preference Bonds £2,327,508	11,639,040	4*	" "	"	1882	....	1st Mortgage gold, skg fund. ....	600,000	7*	Jan. & July.	New York
3d Preference Bonds £7,163,910	36,819,550	4*	" "	"	1883	....	Jackson, Lansing (Mo.):				
Provincial Debentu's £3,111,500	15,557,500	4*	" "	"	1884	....	1st Mortgage guar. ....	1,277,000	8	Jan. & July.	New York
Great Western of Canada:							1st Mort. (Northern Ext.) guar. ....	657,000	8	May & Nov.	"
Mortgage Bonds £127,000....	635,000	6	Jan. & July.	London	1876	....	Consolidated Mortgage (236 m.):	2,041,000	8	March & Sept.	"
Mortgage Bonds £547,000....	2,735,000	6	April & Oct.	"	1877	....	Jacksonville, North West & S. East:				
New Bonds £1,000,000	5,000,000	6	June & Dec.	Perp.	1878	....	1st Mortgage.....	610,000	7*	Jan. & July.	New York
Debenture Bonds £1,174,160....	8,715,800	5	Jan. & July.	"	1879	....	Jacksonville, Pensac. and Mobile:				
Great Western Railway of 1859:							1st Mortgage.....	472,000	7	Jan. & July.	New York
1st Mort., ass'd by T. W. & W. ....	2,500,000	7	Feb. & Aug.	New York	1888	11	2d Mortgage.....	3,000,000	8	"	"
2d Mort., " " " " " ....	2,500,000	7	May & Nov.	"	1898	68	Jamest' & Frank (L.S. & M. So.):				
Green Bay and Minnesota:							1st Mortgage guaranteed.....	433,000	7	Jan. & July.	New York
1st Mortgage.....	3,200,000	7*	Feb. & Aug.	.....	1900	....	2d Mortgage guaranteed.....	500,000	7	June & Dec.	"
Greenville and Columbia:							Jefferson (Erie):				
1st Mortgage guar. by S. Car. ....	1,426,546	7	Jan. & July.	Columbia	'81-'86	....	1st Mort. (Hawley Section) ....	204,000	7	Jan. & July.	New York
1st Mortgage not guaranteed....	376,768	7	" "	"	'81-'86	....	2d Mort. ( " ) ....	84,000	7	" "	"
Greenwich and Johnsonville:							1st Mort. (Carbondale Section) ....	2,000,000	7	" "	"
1st Mortgage.....	185,000	7	May & Nov.	New York	1889	....	Jeffersonville, Madison & Indian:				
Gulf, Western Texas and Pacific:							1st Mortgage consol. ....	2,474,000	7	April & Oct.	New York
1st Mortgage (Construction)....	1,386,000	7*	Jan. & July.	.....	1902	....	2d Mortgage consol. ....	2,000,000	7	Jan. & July.	"
Hannibal and Naples (T. W. & W.):							1st Mortgage (Ind. & Mad.) guar. ....	397,000	7	May & Nov.	"
1st Mortgage.....	875,000	7	May & Nov.	New York	1898	33	Jersey City and Albany:				
2d Mortgage.....	225,000	7	Jan. & July.	"	1890	....	1st Mortgage.....	250,000	7*	Jan. & July.	New York
Hannibal & Cent. Mo. (T. W. & W.):							1st Mortgage (Ridgefield Park)....	300,000	7	May & Nov.	"
1st Mortgage, tax free....	1,000,000	7	May & Nov.	New York	1890	86	Joliet and Chicago (C. & Alton):				
2d Mortgage.....	250,000	7	" "	"	1892	76	1st Mortgage skg fund guar. ....	336,000	8	Jan. & July.	New York
Hannibal and St. Joseph:							Junction, Philadelphia:				
Missouri State Loan.....	1,500,000	6	Jan. & July.	New York	'87-'94	103	1st Mortgage, guaranteed....	500,000	6	Jan. & July.	Philadelphia
Missouri State Loan.....	1,500,000	6	" "	"	'87-'98	....	2d Mortgage not guaranteed....	300,000	6	April & Oct.	"
Fifteen years' bonds (277 m.):	4,000,000	8	March & Sept.	"	1885	97	Junction and Breakwater:				
1st Mort. (Q. & Palm. R. R. 16 m.)	500,000	8	Feb. & Aug.	"	1892	....	1st Mort. guar. by Delaware....	352,000	6	Jan. & July.	New York
1st Mort. (K. City & Cam. R.R. 65m.)	1,200,000	10	Jan. & July.	"	1886	....	Kalamazoo, Allegan & Gr. Rapid:				
General Land Mortgage (277 m.)	2,650,000	7	April & Oct.	"	1888	106	1st Mort. assumed by L.S. & M.S. ....	840,000	8	Jan. & July.	New York
Harlem Extension:							Kalamazoo and Schooler:				
1st Mortgage.....	4,000,000	7	Jan. & July.	New York	1890	...	1st Mort. assumed by L.S. & M.S. ....	100,000	8	Jan. & July.	New York
Harriburg & Lancaster:							1st Mort. guar. by lessees....	640,000	8	May & Nov.	"
1st Mortgage, guar. by Pa. R. R. ....	700,000	6	Jan. & July.	Philadelphia	1883	106	2d Mortgage.....	70,000	8	" "	"
Hartford, Providence and Fishkill:							Kalamazoo, & S. Haven (M. Cen.):				
1st Mort. (R. I. 26.32 m.) skg fund	481,000	7	Jan. & July.	Providence	1876	....	1st Mortgage guar. by lessees....	640,000	8	May & Nov.	New York
1st Mort. (Conn. 96.04 m.) skg f'd.	1,574,500	7	" "	Hartford	1876	....	2d Mortgage.....	70,000	8	" "	"
Holly, Wayne & Monroe (F&P.M.):							Kalamazoo & White Pigeon:				
1st Mortgage guar., w/ free....	1,000,000	8	Jan. & July.	New York	1901	....	1st Mort. assumed by L.S. & M.S. ....	400,000	7	Jan. & July.	New York
Holyoke and Westfield:							1st Mort. ass'd by Han. & St. Jo. ....	1,200,000	10	Jan. & July.	"
1st Mortgage.....	0,000	7	April & Oct.	Boston	1891	....	1st Mort. ass'd by St. Jo. & Bluff:				
Houston & Colorado:							1st Mort. (C. B. & St. Jo. 62 m.):	500,000	7	Jan. & July.	N. Y. & Bost.
2d Mortgage.....	20	7	Feb. & Aug.	New York	1885	....	2d Mort. ( " " " ) ....	150,000	10	" "	"
3d Mortgage of 1868....	100,000	7	April & Oct.	Bpt. & Bost.	1889	....	1st Mort. (St. Jo. & CB, 73 m.) conv. ....	1,400,000	10	March & Sept.	"
Equipment Bonds.....	300,000	7	Brpt. & Bost.	Bridgeport	1883	....	1st Mort. (Mo. Valley 130 m.):	1,500,000	7	Feb. & Aug.	New York
Houston and Texas Central:							1st Mort. (Mo. Valley 130 m.):	1,000,000	7*	" "	"
1st Mortgage L.G. skg fund, gold.	6,227,000	7*</									

## AMERICAN RAILROAD BOND LIST.

An Asterick (\*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due	Price.
			When.	Where.						When.	Where.		
Kansas Pacific :	\$						Louisville, Cincinnati and Lexington :	\$					
1st Mort. (1st Div. 140 m.) gold..	2,240,000	6*	Feb. & Aug.	N. Y. & St. Lo.	1895	102	Bonds to State of Kentucky....	74,519	6	Jan. & July.	New York.	Perp.	...
1st Mort. (2d Div. 233.94 m.) gold	4,063,000	6*	June & Dec.	"	1896	97	1st Mortgage for Cincinnati Br.	3,000,000	7	"	"	1897	...
1st Mort. (3d D. 244.66 m. & 3,000,000)	6,411,000	7*	May & Nov.	N. Y. L. & F.	1899	67	2d Mortgage for \$1,000,000....	875,000	8	April & Oct.	"	1900	...
1st Mort. (1,000,000 acres).....	187,000	7	March & Sept.	N. Y. & St. Lo.	"	71-76	Louisville Loan :	100,000	6	Jan. & July.	"	1881	...
1st Mort. (2,000,000 acres) gold..	1,722,250	7*	Jan. & July.	N. Y. L. & F.	1880	...	1st Mort. (Louisville & Frankl't)	39,000	6	"	"	73-76	...
2d Mort. ( " ) gold..	1,500,000	7*	March & Sept.	"	1886	...	1st Mort. (Louisville, Cincinnati and Lexington)	21,000	8	April & Oct.	"	1902	...
1st Mort. (Leavenworth Branch)...	900,000	7	May & Nov.	N. Y. & St. Lo.	1896	...	1st Mortgage (Shelby R. R.)...	88,500	8	June & Dec.	"	1881	...
2d Mortgage (Gov't Subsidy)....	6,303,000	6	Jan. & July.	U. S. Treas.	"	95-97	Louisville and Nashville :						
3d Mortgage (Income).....	4,275,350	7	March & Sept.	N. Y. L. & F.	1916	...	Ten Year Mortgage Gold bonds	2,000,000	7*	May & Nov.	New York.	1883	87
Kent County (Del.)							Mort. main office lot & building	80,000	7	"	"	1883	...
1st Mortgage for \$600,000.....	400,000	6	Jan. & July.	Philadelphia.	1880	...	1st Mort. (Leb. Br. Ext. 73.2m.)	88,000	7	"	"	1884	...
Kentucky Central :							1st Mort. (Memphis and Ohio)....	3,500,000	7	June & Dec.	New York.	1901	...
2d Mort. (Covington & Lexington)	844,000	7	March & Sept.	New York.	1883	...	1st Mort. (Memp. & Clarksv. R.)	2,589,710	6*	Feb. & Aug.	"	1902	...
3d Mortgage.....	237,000	7	June & Dec.	"	1886	...	Consol. M. for \$6,000,000 (392 m.)	7,109,000	7	April & Oct.	"	1898	108
Keokuk and Des Moines :							Louisville Loan :	849,000	6	"	"	1886	...
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	...	Louisville Loan (Lebanon Br.)	225,560	6	May & Nov.	"	1886	...
Funded Interest.....	254,300	8	" " "	"	1884	...	Louisville Loan (Lebanon Br.)	233,000	6	April & Oct.	Louisville.	1893	99
Keokuk and St. Paul (C.B. & Q.) :							1st Mortgage gold, \$25,000 p. m. ....	2,875,000	7*	Jan. & July.	New York.	1892	...
1st Mortgage traffic guar.....	318,000	8	April & Oct.	Boston.	1879	101	Macon and Augusta :						
La Crosse, Trempealeau & Prescott :							1st Mortgage end. by Ga. R. R. ....	300,000	7	Jan. & July.	New York.	1877	...
1st Mort. assumed by C. & N. W.	1,000,000	10	April & Oct.	New York.	1878	...	1st Mortgage not endorsed....	100,000	7	"	"	1887	...
Lat. Blooming & Miss. (T.W. & W.)							Construct. Mort. end. by Ga. R. R. ....	370,000	7	"	"	1879	...
1st Mortgage gold guar.....	1,300,000	7*	Feb. & Aug.	New York.	1891	70	Macon and Brunswick :						
Lat. Muncie & Bloom. (T.W. & W.)							1st Mort. endorsed by Ga. ....	1,900,000	7	Jan. & July.	New York.	1887	...
1st Mortgage gold guar.....	1,500,000	7*	Feb. & Aug.	New York.	1901	40	1st Mort. ....	600,000	7	May & Nov.	"	1900	...
Lake Erie and Louisville :							2d Mortgage.....	1,100,000	7	April & Oct.	"	1889	...
1st Mortgage .....	1,092,000	7	April & Oct.	New York.	1892	...	Equipment Mortgage.....	150,000	7	"	"	1879	...
2d Mortgage.....	590,000	7	Jan. & July.	"	1903	...	Madison and Portage :						
Lake Ontario Shore :							1st Mort. guar. by Chi. and Sup. ....	600,000	7*	April & Oct.	New York.	1890	...
1st Mortgage (\$20,000 pr. m.)...	1,433,200	7*	Jan. & July.	New York.	1897	...	Maine Central :						
Lake Shore & Michigan South' :							Consolidated Mortgage.....	2,798,500	7	April & Oct.	Boston.	1912	94
Sinking Fund Mortgage.....	888,000	7	April & Oct.	New York.	1879	...	\$1,100,000 Loan, tax free.....	756,900	6	Jan. & July.	"	1898	91
Consol. Mort. S. F., Regist'd. ....	7,925,000	7	J. A. J. & O.	"	1900	111	Extension (gold) Loan.....	496,500	6	April & Oct.	"	1900	...
Consol. Mort. S. F., Coupon. ....	150,000	7	Jan. & July.	"	1900	124	1st Mort. (Belfast & Moosehead)....	150,000	7*	May & Nov.	Belfast & Boston.	1890	...
2d Consol. Mort. for \$25,000,000.	9,206,000	7	June & Dec.	"	1903	164	1st Mort. (Portland & Ken. )....	1,100,000	6	Jan. & July.	Boston.	1909	94
Bonds of 1882 (Reg. & Coupon)....	3,234,000	7	April & Oct.	"	1882	...	1st Mortgage (Portland & Ken. )....	217,300	6	April & Oct.	Boston.	1895	93
Lake Shore Dividend Bonds....	1,393,000	7	" "	"	1899	109	Consol. (Port. & Kennebec) Loan	1,166,700	6	"	"	1876	...
Reg. Mort. (Clev., Pain, & Ash.)	1,000,000	7	Jan. & July.	"	1880	...	2d Mort. (Somerset & Kennebec)....	260,000	6	June & Dec.	Baltimore.	1891	82
3d Mort. ( " )	1,000,000	7	April & Oct.	"	1892	...	1st Mort. (Leeds & Farmington)....	633,000	6	Jan. & July.	"	1901	...
1st Mort. (Mich. S. & Nor. Ind.)	5,256,000	7	May & Nov.	"	1885	...	Bath (Androscoggin) Loan.....	425,000	6	"	"	1891	...
2d Mort. ( " )	7	" "	"	"	1877	...	Manfield & Framing (B.C. & F.) :						
1st Mort. (Cleveland & Toledo)....	1,595,000	7	Jan. & July.	"	1885	...	1st Mortgage, guaranteed.....	300,000	7	Jan. & July.	Boston.	1880	95
2d Mort. ( " )	819,000	7	April & Oct.	"	1886	...	Marietta and Cincinnati :						
Mort. Bonds (Buffalo and Erie)	200,000	7	Jan. & July.	"	1882	...	1st Mortgage, Sterling.....	1,050,000	7*	Feb. & Aug.	London.	1891	...
Mort. Bonds ( " )	300,000	7	March & Sept.	"	1886	...	1st Mortgage Dollar.....	2,450,000	7	"	Baltimore.	1891	82
1st M. (Detroit, Monroe & Toledo)	2,844,000	7	April & Oct.	"	1898	...	2d Mortgage Dollar.....	2,500,000	7	May & Nov.	"	1896	30
1st M. (Kalamaz. & White Pigeon)	924,000	7	Feb. & Aug.	"	1906	...	3d Mortgage Dollar.....	3,000,000	8	Jan. & July.	"	1900	13
1st M. (School. & Three Rivers)	400,000	7	Jan. & July.	"	1892	...	4th Mortgage.....	2,004,000	8	April & Oct.	"	1908	...
1st M. (Kalamaz. & Schoolcraft)	100,000	8	" "	"	1887	...	1st Mort. (Scioto & Hock. Val.)....	300,000	7	May & Nov.	"	1888	...
1st M. (Kal. Allegan & Gr. Rap.)	940,000	8	" "	"	1887	...	Marietta, Pittsburg & Cleveland :						
1st M. (Jamestown & Franklin)	422,000	7	" "	"	1888	...	1st Mortgage gold.....	1,500,000	7*	Feb & Aug.	New York.	1895	...
2d M. ( " )	500,000	7	June & Dec.	"	1894	...	Marquette, Houghton & Ontonagon :						
Lake Shore & Tuscarawas Valley :							1st Mortgage (Marg. & Ont.)....	1,780,000	8	Jun. & Dec.	New York.	1892	90
1st Mortgage gold.....	2,000,000	7*	April & Oct.	Cleveland, O.	1901	...	1st Mort. (Houghton & Ont.)....	2,000,000	8	Jan. & July.	"	1892	...
2d Mortgage, for \$1,000,000....	696,000	7	" "	"	1892	...	Consolidated Mortgage.....	1,454,000	8	Various	"	192-03	...
Elyria and Black Riv. b'ds ass'd	180,000	7	May & Nov.	"	1892	...	Massawippi Valley (C. & P. R.) :						
Lake Superior & Mississippi :							1st Mortgage guaranteed.....	400,000	6*	Jan. & July.	Boston.	1889	90
1st Mort. skg fund gold tax free.	4,500,000	7*	Jan. & July.	N. Y.-Bost.-Ph.	1896	20	Maryland and Delaware :						
2d Mort. gold tax free and conv.	3,200,000	7*	April & Oct.	"	1900	...	1st Mortgage.....	850,000	6	May & Nov.	Boston.	1885	...
Income Bonds.....	3,200,000	10	" "	"	1902	...	2d Mortgage.....	150,000	6	June & Dec.	"	1889	...
Lawrence (P. Ft. W. & Chi.):							Massillon & Cleve. (C. M. V. & D.)						
1st Mortgage, guaranteed.....	355,000	7	Feb. & Aug.	New York.	1896	...	1st Mortgage guaranteed, gold.....	100,000	7*	Jan. & July.	New York.	1890	...
Leavenworth, Atch. & N. West'n:							Mayaville and Lexington :						
1st Mort. guar. by Pac. of Mo. ....	500,000	7	April & Oct.	New York.	1899	...	1st Mortgage.....	500,000	7*	Jan. & July.	New York.	1890	...
Leaven, Lawrence & Galveston :							Memphis and Charleston :						
1st Mort. skg fund conv. gold..	5,000,000	10	Jan. & July.	N. Y. & Bost.	1899	25	1st Mortgage, Convertible.....	1,293,000	7	March & Sept.	New York.	1880	100
1st Mort. (K. C. & San. Fe) guar.	720,000	10	May & Nov.	Boston.	1890	...	2d Mortgage.....	1,000,000	7	Jan. & July.	"	1888	...
1st Mort. (Southern Kan.) guar.	160,000	8	June & Dec.	"	1891	...	Tennessee State Loan.....	1,814,142	6	"	"	1888	...
Lehigh and Lackawanna :							Income Bonds.....	600,000	10	March & Sept.	"	1888	78-78
1st Mortgage tax free.....	300,000	7	Feb. & Aug.	Philadelphia.	1897	...	Memphis and Little Rock :						
Lehigh Valley :							1st Mortgage (Land Grant)....	1,300,000	8	May & Nov.	New York.	1890	...
1st Mortgage (new loan)....	5,000,000	6	June & Dec.	Philadelphia.	1898	110	2d Mortgage.....	1,000,000	8	.....	"	1888	...
1st Mortgage ( " ) reg....	6,000,000	6	" "	"	1898	111	Michigan Air Line (Mich. Cent.) :						
General Mort. for \$40,000,000....	5,000,000	6	June & Dec.	"	1910	110	1st Mort. (South Bend Div.) ass'd	200,000	8	May and Nov.	New York.	1890	88
General Mort. registered....	5,000,000	6*	" "	"	1923	100	Michigan Central :						
Lewis. Centre & Spruce C. (P. & E.):					1922	99	1st Mortgage, convertible.....	556,000	8	April & Oct.	Boston.	1882	...
1st Mortgage.....	1,545,000	7	May & Nov.	Philadelphia.	1902	...	1st Mortgage sinking fund conv. ....	2,179,000	8	"	"	1882	111
Lexington & St. Louis (A. & P.):							Consol. Mortgage for \$10,000,000	8,000,000	8	May & Nov.	New York.	1903	111
1st Mortgage gold.....	900,000	6	June & Dec.	New York.	1899	...	1st Mort. (Mich. Air Line) ass'd	1,900,000	8	Jan. & July.	"	1890	105
Little Miami :							Equipment Bonds for \$300,000....	556,000	8	Apr. and Oct.	N. Y. & Bost.	1883	...
1st Mortgage.....	1,490,000	6	May & Nov.	New York.	1883	27	1st Mortgage.....	800,000	8	Jan. & July.	New York.	1889	...
Street Connection Bonds....	525,000	6	Jan. & July.	Cincinnati.	1894	...	2d Mortgage.....	1,000,000	8	.....	"	1877	...
Cincinnati Loan.....	100,000	6	May & Nov.	"	1890	...	Michigan Lake Shore :						
Little Rock and Fort Smith :							1st Mortgage.....	800,000	8	Jan. & July.	New York.	1889	...
1st Mortgage gold.....	3,500,000	6*	Jan. & July.	N. Y. & Bost.	1900</td								

## AMERICAN RAILROAD BOND LIST.

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Minneapolis & St. L. (B., C.R. & N.)	\$						N.O., Jack, & Gt. N. (N.O. St. L. & C.)	\$					
1st Mortgage gold, guaranteed..	150,000	7* Jan. & July.	New York.	1911	....		1st Mortgage.....	3,000,000	8	Jan. & July.	New York.	1886	....
Minnesota and North Western:							2d Mortgage for \$3,000,000.....	1,500,000	8	April & Oct.	"	1890	....
1st Mort. gold, skg fd & tax free	20,000,000	7* Jan. & July.	Detroit.	1890	....	New Orleans, Mobile and Texas:							
Mississippi Cent. (N.O. St. L. & Chi.)							1st Mort. (Mobile to N. Orleans).....	4,000,000	7*	Jan. & July.	N. Y. & Lond.	1915	....
1st Mortgage.....	1,012,500	7 May & Nov.	New York.	174-84	....	1st Mort. (N. Orleans to Texas).....	7,250,000	8	" "	New York.	1915	....	
2d Mortgage.....	2,000,000	8 Feb. & Aug.	" "	1886	....	2d Mort. endorsed by Louisiana.....	2,825,000	8	" "	"	1915	....	
General Mort. for \$5,000,000 gold	3,704,500	7* May & Nov.	" "	1912	....	New York, Boston and Montreal:							
Mississippi, Ouachita & Red Riv.							1st Mortgage for \$12,250,000.....	6,260,000	7*	Feb. & Aug.	N.Y. or Lond.	1889	....
1st Mortgage gold.....	2,040,000	7* Jan. & July.		1900	....	New York & Canada (D. & H. C.)							
Mississippi and Tennessee:							1st Mort. for £800,000, guar.....	4,000,000	6*	May & Nov.	London.	1904	....
1st Mortgage, Series A.....	1,000,000	8 April & Oct.	Memphis.	1902	....	New York Central & Hudson R.							
2d Mortgage, Series B.....	1,100,000	8 Jan. & July.	" "	1902	....	Debt Certificates (N. Y. Cent.).....	6,632,900	6	May & Nov.	New York.	1883	106	
Mississippi Valley and Western:						Bonds for B. & N. F. stk ( ).....	74,500	6	May & Nov.	"	1883	....	
1st Mortgage \$20,000 p. in.....	800,000	7 Feb. & Aug.	New York.	1902	....	Bonds for R. R. Stocks ( ).....	592,900	6	" "	"	1883	104	
Missouri, Iowa and Nebraska:						Bonds for Real Estate ( ).....	162,000	6	" "	"	1883	104	
1st Mortgage gold, sinking fund.	2,000,000	7* June & Dec.		1910	....	Bonds of 1854 renewed ( ).....	2,391,900	6	June & Dec.	"	1887	106	
Missouri, Kansas and Texas:						Bonds of 1871, tax free.....	1,950,000	7	April & Oct.	"	1891	....	
1st Mort. (Tebu & Neosho) S. F.	2,615,000	6* Jan. & July.	New York.	1899	....	1st Mort., coup. ( ).....	7	Jan. & July.	"	1903	118		
1st Mort. (Tebu & Neosho) S. F.	349,000	7* June & Dec.	" "	1903	....	1st Mort., reg'd for \$30,000,000.....	18,465,000	7	" "	"	1903	118	
Consol. Land Grant, skg fd gold	10,418,000	7* Feb. & Aug.	" "	1904	40	1st Mort. Sterling for £2,000,000.....	9,733,333	6*	" "	London.	1903	....	
First Additional Consol. Mort.	2,500,000	7 " "	" "	1905	....	New York and Harlen:							
Second Add. Consol. Mort.....	1,184,000	7 " "	" "	1906	10	Sinking Fund Mortgage of 1861.....	107,704	7	Jan. & July.	New York.	1881	....	
Third Additional Consol. Mort.	600,000	7 " "	" "	1905	....	Consol. Mort. of 1872, coupon.....	7	May & Nov.	"	1900	120		
Missouri River, Ft. Scott & Gulf:						Consol. Mort. of 1872, reg'd.....	10,500,000	7	" "	"	1900	129	
1st Mortgage, Land Grant, S. F.	5,000,000	10 Jan. & July.	New York.	1889	76	New York & Bost.:							
2d Mortgage.....	2,000,000	10 April & Oct.	N. Y. & Bost.	1890	15	1st Mortgage.....	7,000,000	7	Jan. & July.	New York.	1906	85	
Mobile and Girard:						N. Y., Housatonic & Northern:							
1st Mortgage.....	377,500	7 Jan. & July.	Savannah.	1876	....	1st Mortgage.....	1,500,000	7*	April & Oct.	New York.	1902	....	
2d Mort. end. by Cent. R. of Ga.	300,000	8 " "	New York.	1889	....	New York, K.ington & Syracuse:							
Plain bonds.....	33,500	8 " "	Savannah.	1887	....	1st Mort. for \$4,000,000.....	2,500,000	7*	Jan. & July.	New York.	1902	....	
Fobille and Montgomery:						New York, N. Haven & Hartford:							
1st Mort. endor. by State of Ala.	2,434,000	8* May & Nov.	New York.	1900	....	1st Mort. (Harlen & Portchester)	2,000,000	7	.....	New York.	1903	....	
2d Mortgage.....	800,000	8 " "	" "	1900	....	New York and New England:							
Fobille and Ohio:						1st mortgage old.....	923,000	7	March & Sept.	Boston.	1884	....	
1st Mortgage Sterling.....	5,686,000	6* May & Nov.	Mob. & Lond.	1883	....	1st mortgage, new.....	343,000	7	Jan. & July.	"	1906	....	
Interest bonds.....	1,524,300	8 " "	Mobile.	176-183	....	New York and Oswego Midland:							
Sterling Interest bonds.....	769,920	6* " "	London.	1883	....	1st Mortgage gold, tax free.....	8,000,000	7*	Jan. & July.	New York.	1894	....	
Tennessee Substitution Bonds:						2d Mortgage convertible.....	2,500,000	7	May & Nov.	"	1895	....	
Special Mort. (Gainesville Br'')	1,688,000	7* Jan. & July.	N. Y. & Lond.	1901	....	2d Mortgage non-convertible.....	1,500,000	7	" "	"	1896	....	
2d Mortgage.....	53,000	8 May & Nov.	Mobile.	1877	....	3d Mort., Equipment.....	3,800,000	7	.....	"	....	....	
Consol. Mort. for \$16,000,000.....	1,453,856	8 March.	N.Y. & Lond.	1904	....	1st Mort. (West. Extension).....	2,425,000	7	.....	"	....	....	
Convertible 8 per cent. bonds.....	977,550	7* Jan. & July.	N. Y. & Lond.	1904	....	Consolidated Mortgage.....	1,200,000	7	.....	"	....	....	
Montclair (N. Y. and O. Mid.):						New York, Providence & Boston:							
1st Mortgage gold, guar.....	1,800,000	7* March & Sept.	New York.	1888	....	1st Mortgage.....	78,000	6	Feb. & Aug.	New York.	1878	....	
2d Mortgage.....	780,000	7 " "	" "	1887	....	Extension Bonds.....	250,000	6	May & Nov.	"	1881	....	
Income Mortgage.....	888,400	7 " "	" "	1900	....	General Mort. for \$1,000,000.....	837,000	7	Jan. & July.	"	1899	....	
Montgomery and Erie (Erie):						Norfolk & Petersburg (A.M. & O.):							
1st Mortgage.....	127,800	7 May & Nov.	New York.	1888	....	1st Mortgage.....	306,000	8	Jan. & July.	New York.	1877	88	
2d ".....	47,000	7 April & Oct.	" "	1887	....	1st Mortgage.....	157,000	7	" "	"	1877	61	
Montgomery and Eufaula:						2d Mortgage.....	454,000	8	" "	Norfolk.	1893	86	
1st Mortgage end. by Ala. gold.	1,040,000	8* March & Sept.	New York.	1886	....	North Carolina:							
1st Mortgage not endorsed.....	330,000	8 June and Dec.	" "	1900	....	1st Mortgage.....	210,000	8	May & Nov.	Co's Shops, NC.	1888	....	
Monticello and Port Jervis:						1st Mortgage.....	820,000	8	March & Sept.	Charleston.	1899	....	
1st Mortgage gold, tax free.....	500,000	7* J. A. J. & O.	New York.	1890	....	2d Mortgage.....	232,500	8	" "	"	1899	....	
Morris and Essex (D. L. & W.):						North Missouri (St. L. K. C. & N.):							
1st Mortgage sinking fund, guar.	5,000,000	7 May & Nov.	New York.	1914	118	1st Mortgage.....	3,000,000	7	Jan. & July.	New York.	1895	163	
2d Mortgage guar.....	3,060,000	7 Feb. & Aug.	" "	1891	104	North Pennsylvania:							
Convertible bonds.....	384,000	7 Jan. & July.	" "	1900	85	1st Mortgage.....	1,930,500	6	Jan. & July.	Philadelphia.	1885	108	
Construction bonds.....	573,000	7 Feb. and Aug.	" "	1889	86	2d Mortgage.....	1,500,000	7	May & Nov.	"	1896	112	
Gen'l M. (1st on Boonton Br.) gr.	4,991,000	7 April & Oct.	" "	1901	101	General Mortgage.....	2,035,000	7	Jan. & July.	"	1903	165	
Special Mortgage.....	1,025,000	7 " "	" "	1915	92	North Shore (Flush, N. S. & Cent.):							
Consol. Mort. for \$25,000,000 guar.	3,229,000	7 June & Dec.	" "	1915	92	1st Mortgage.....	135,000	7	Feb. & Aug.	New York.	1887	....	
Nashville, Chattanooga & St. Louis:						Northern Central:							
1st Mort., endorsed by Tenn.....	1,100,000	6 Jan. & July.	New York.	174-88	....	1st Mortgage, Md. State loan.....	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	....	
2d Mort. (Heid by U. S. Gov.)	1,000,000	4 " "	" "	1913	100	2d Mortgage S. F. Coupon.....	1,490,000	6	Jan. & July.	Baltimore.	1885	107	
New Mortgage.....	4,700,000	7 " "	" "		3d Mortgage Coupon.....	1,126,000	6	April & Oct.	Phila. & Balt.	1900	101		
Nashville and Decatur (L. & N. & N.):					Mortgage coupon.....	2,599,000	6*	Jan. & July.	Baltimore.	1900	92		
1st Mortgage sinking fund, guar.	1,900,000	7 Jan. & July.	New York.	1900	100	Mortgage registered.....	205,000	6*	Feb. & Oct.	"	1900	....	
2d Mortgage gold.....	208,000	6* April & Oct.	Nashville.	1887		Consol. General Mort. S. F. ....	4,518,000	6*	Jan. & July.	Lond. & Balt.	1904	....	
Bonds for freight depot.....	200,000	6* Feb. & Aug.	Boston.	1892	104	Second General Mort. coupon.....	3,000,000	5	" "	Baltimore.	1926	....	
Newark & New York (C. of N. J.):						Second General Mort. coupon.....	1,900,000	6	" "	"	1926	....	
1st Mortgage guar.....	600,000	7 Jan. & July.	New York.	1891	....	Northern New Jersey (Erie):							
Newark, Somers & Straitsville:						1st Mortgage skg fd guar.....	400,000	7	Jan. & July.	Jersey C.	1878	....	
1st Mortgage gold.....	800,000	7 May & Nov.	New York.	1889	98	Northern Pacific:							
New Bedford:						1st Mort. on R. R. & lands gold..	4,000,000	7*	Jan. & July.	New York.	1900	24	
1st Mort. (New Bed. & Taunton)	171,500	6 Jan. & July.	Boston.	1881	98	3d Mort., assumed by B. and O.	140,000	6	Jan. & July.	Baltimore.	1886	160	
New Issue for \$360,000.....	400,000	7 " "	" "	1894	105	1st Mortgage.....	3,500,000	7*	March & Sept.	New York.	1917	....	
New Haven and Derby:						1st Mort. Miss. Loan, skg. fd.....	400,000	6*	Jan. & July.	Boston.	1877	....	
1st Mortgage.....	525,000	7 Various.	New Haven.	98-100	....	Construction Bonds.....	400,000	6	March & Sept.	"	1897	....	
New H., Middlet'n & Willim.:						1st Mortgage.....	150,000	7	Jan. & July.	New York.	1890	....	
1st Mortgage (coup. & reg.):	3,000,000	7 May & Nov.	New York.	1889	....	Edgensburg and Lake Champlain:							
2d Mortgage.....	2,000,000	7 " "	" "	1881	....	Equipment Mortgage.....	300,000	8	Jan. & July.	Boston.	1878	94	
New Haven and Northampton:						Equipment Mortgage.....	200,000	8	" "	"	1879	94	
1st Mortgage.....	1,000,000	7 Jan. & July.	N. Y. & N. H.	1890	....	Sinking Fund Bonds.....	394,000	8	March & Sept.	"	1890	102	
Convertible bonds, tax free.....	750,000	6 April & Oct.	" "	1891	....	Ohio and Mississippi:							
Holyoke and Westfield bonds.	200,000	7 " "	" "	1891	....	Consolidated Mort. Bonds.....	3,067,000	7	Jan. & July.	New York.	1898	99	
New Jersey Midland (N.Y. & O.M.):						Consolidated S. F. Mortgage.....	3,475,000	7	" "	"	1898	99	
1st Mortgage gold, guar.....	3,000,000	7 Feb. & Aug.	New York.	1895	....	Consolidated Mort. Sterling.....	112,000	7*	" "	London.	1898	....	
2d Mortgage.....	1,500,000	7 " "	" "	1881	....	2d Consol. Mort. & S. F. Bonds.....	3,864,000	7	April & Oct.	New York.	1911	65	
New Jersey and New York:						Income and Funded Debt Bonds.....	174,000	7	" "	New York.			

## AMERICAN RAILROAD BOND LIST.

An Asterisk (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	
			When.	Where.						When.	Where.		
Oil Creek (Pittsb., T. & Buffalo):	\$						Philadelphia, Wilmington & Balt.	\$					
1st Mortgage.....	550,000	7	April & Oct.	Philadelphia.	1896	78	Mortgage Loan, convertible .....	262,000	6	Jan. & July.	Phil. & Bost.	1894	1084
Omaha and Northwestern:							Loan of 1867.....	1,000,000	6	April & Oct.	" "	1897	103
1st Mort. Land Grant, Gold.....	16,000pm	7.5*	Jan. & July.	New York.	1901	...	Loan of 1872.....	700,000	6	" "	" "	1892	1084
Omaha and Republican Valley:							Loan of 1875.....	80,000	6	" "	" "	1900	106
1st Mortgage.....	6	F. M. A. & N.			1895	...	Pickering Valley (Phila. & Rdg):						
Omaha and Southwestern:							1st Mortgage, guaranteed.....	231,300	7	April & Oct.	Philadelphia.	1900	53
1st Mortgage \$20,000 p. m.....	1,034,000	8	June & Dec.	Boston.	1896	113	Pittsburg, Cin. & St. Louis (Pa.):						
Oregon and California:							1st Mort. (Ool. & Newark Div.)	775,000	7	Jan. & July.	Philadelphia.	1890	...
1st Mortgage gold.....	10,960,000	7*	April & Oct.	New York.	...		1st Mort. (Steub. & Ind.) conv.	3,000,000	6	Monthly.	New York.	1894	96
Osage Valley & Southern Kansas:							Consolidated Ad. Mortgage.....	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	87
1st Mortgage (5-20 years).....	200,000	10	Jan. & July.	New York.	1888	...	Pittsburg, Ft. Wayne & Chicago:	2,500,000	7	April & Oct.	"	1913	...
Oshkosh & Miss. (C. M. & S. P.):							1st Mortgage (Series A).....	875,000	7	Jan. & July.	New York.	1912	118
1st Mortgage.....	240,000	8	Jan. & July.	New York.	1891	...	1st Mortgage (Series B).....	875,000	7	Feb. & Aug.	" "	1912	...
Oswego and Rome (R. W. & O.):							1st Mortgage (Series C).....	875,000	7	March & Sept.	" "	1912	...
1st Mortgage.....	500,000	7	May & Nov.	New York.	1916	...	1st Mortgage (Series D).....	875,000	7	April & Oct.	" "	1912	...
Income Mortgage.....	112,100	6	Feb. & Aug.	" "	1891	...	1st Mortgage (Series E).....	875,000	7	May & Nov.	" "	1912	...
Oswego and Syracuse (D. L. & W.):							1st Mortgage (Series F).....	875,000	7	June & Dec.	" "	1912	...
1st Mortgage, guaranteed.....	201,000	7	May & Nov.	New York.	1885	...	2d Mortgage (Series G).....	860,000	7	Jan. & July.	" "	1912	115
Ottawa, Oswego & Fox River:							2d Mortgage (Series H).....	860,000	7	Feb. & Aug.	" "	1912	...
1st Mortgage guar. by C. B. & Q.	1,079,000	8	Jan. & July.	N.Y. & Bost.	1900	112	2d Mortgage (Series I).....	860,000	7	March & Sept.	" "	1912	...
Owensboro' and Russellville:							2d Mortgage (Series K).....	860,000	7	April & Oct.	" "	1912	...
1st Mortgage for \$1,500,000.....	1,500,000	8	Feb. & Aug.	New York.	1892	...	2d Mortgage (Series L).....	860,000	7	May & Nov.	" "	1912	...
Pacific of Missouri:							2d Mortgage (Series M).....	860,000	7	June & Dec.	" "	1912	...
1st Mortgage gold.....	7,000,000	6*	Feb. & Aug.	New York.	1888	102	3d Mortgage.....	2,000,000	7	April & Oct.	New York.	1887	...
2d Mortgage sinking fund.....	2,650,000	7	Jan. & July.	" "	1891	98	Constructive bonds of Jan. 1, '70	100,000	7	Jan. & July.	" "	1884	...
3d Mortgage.....	4,000,000	7	May & Nov.	" "	...	Equipment bonds.....	1,000,000	8	March & Sept.				
St. Louis County Debt.....	700,000	7	Monthly.	St. Louis.	1885	...	Pittsburg, Va. and Charleston:						
Real Estate Bonds.....	800,000	8	May & Nov.	New York.	1892	...	1st Mortgage.....	700,000	7	April & Oct.	New York.	1902	...
1st Mort. (Carondelet Branch).....	500,000	6*	April & Oct.	" "	1893	70	Pittsburg, Washington & Baltimore:						
Paducah and Memphis:							1st Mort. (Pitts. & Conn'sville).....	4,000,000	7	Jan. & July.	Baltimore.	1898	95
1st Mortgage gold for \$2,805,000.	1,541,000	7*	Feb. & Aug.	New York.	1902	...	2d Mort. do. (Balt. Loan).....	5,000,000	6	May & Nov.	" "	1902	...
Panama:							3d Mort. (Turtle Cr. Div. 104 m.)	400,000	6	Feb. & Aug.	Pittsburg.	1889	...
General Mortgage, stg £597,800.	2,905,308	7*	April & Oct.	London.	1897	...	Real Estate Mortgage.....	100,000	6	.....	Baltimore.	1883	...
Paris and Decatur:							Plymouth, Kankakee & Pacific:						
1st Mortgage gold, S. F. ....	1,200,000	7*	Jan. & July.	N. Y. & Lond.	1892	...	1st Mortgage for \$3,600,000.....	20,000 pm	7*	Jan. & July.	New York.	1901	...
Paterson and Newark (Erie):							Port Huron and Lake Michigan:						
1st Mortgage guaranteed.....	500,000	7	Jan. & July.	New York.	1873	...	1st Mortgage gold, for \$1,800,000.....	1,800,000	7*	May & Nov.	New York.	1899	...
Pekin, Line & Decatur (T.W. & W.):							Portland & Ogdensburg (Me. & N. H.):						
1st Mortgage, guaranteed.....	1,076,000	7	Feb. & Aug.	New York.	1900	60	1st Mort. (Maine Section) gold.....	900,000	6*	Jan. & July.	Boston.	1900	...
Pemberton & Hights (U.C. of N.J.):							Consol. Mort. gold, for \$3,300,000.....	149,000	6*	May & Nov.	" "	1901	15
1st Mortgage guaranteed.....	160,000	7	Jan. & July.	Philadelphia.	1889	105	Portland and Ogdensburg (Vt.):						
Peninsular (Mich.) Railway:							1st Mortgage gold, for \$2,300,000.....	1,200,000	6*	May & Nov.	N.Y. & Bost.	1891	46
1st Mortgage gold (S. F.), 1st series	1,800,000	7*	May & Nov.	N.Y. or Lond.	1890	...	2d Mortgage of 1868.....	250,000	6	Jan. & July.	Portland.	1883	...
1st Mortgage gold (S. F.), 2d series	2,000,000	7*	May & Nov.	" "	1890	...	Portland and Rochester:						
2d Mortgage.....	540,000	7	Feb. and Aug.	New York.	1881	...	1st Mort. (Portland Loan) & g'd.....	700,000	6	Jan. & July.	Boston.	1887	...
Pennsylvania:							1st Mortgage (equal lien).....	100,000	7	April & Oct.	" "	1887	...
1st Mort. (Harris'b'g to Pittsb'g)	4,970,000	6	Jan. & July.	Philadelphia.	1890	101	2d Mort. (Portland Loan).....	396,500	6	Mar. & Sept.	" "	1991	...
General Mortgage.....	19,999,700	6	J. A. J. & O.	Philadelphia.	1910	107	Port Royal (S. C.):						
General Mortgage, registered.....	6	" "	" "	"	1910	109	1st Mortgage gold, skg fd.....	2,000,000	7*	May & Nov.	N.Y. & Lond.	1889	...
Consolidated Mortgage.....	29,250,000	6*	Jan. & July.	London.	1906	96	1st Mort. gold, guar. by G. R. R.	500,000	7*	May & Nov.	" "	1889	...
State lien for \$7,500,000, skg fd.....	4,672,110	5	April & Oct.	Philadelphia.	17-90	...	Portsmouth, Gt. Falls & Conway:						
Pennsylvania Coal:							1st Mort. gold, guar. by Eastern R. R.	514,000	7	June and Dec.	Boston.	1883	75
1st Mortgage.....	487,500	7	Feb. and Aug.	New York.	1881	...	Poughkeepsie and Eastern:						
Pennsylvania and Delaware:							1st Mort. gold, conv. & tax free.....	644,500	7*	Jan. & July.	New York.	1910	...
1st Mortgage.....	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	...	2d Mortgage.....	78,000	7	" "	" "	...	...
2d Mortgage.....	519,000	7	April & Oct.	" "	1903	...	Providence and Worcester:						
Pennsylvania & New York (L. V.):							1st Mortgage.....	500,000	6	Jan. & July.	Providence.	1890	...
1st Mortgage guaranteed.....	1,500,000	7	June & Dec.	Philadelphia.	1896	114	Stoughton Branch bonds.....	1,000,000	6	" "	" "	...	
1st Mortgage guaranteed.....	1,500,000	7	" "	" "	1906	...	Quincy, Alton and St. Louis:						
Peoria & Bureau Val (O. R. I. & P.):							1st Mortgage gold.....	1,000,000	7*	May & Nov.	Philadelphia.	1892	...
1st Mortgage guaranteed.....	600,000	8	Jan. & July.	New York.	1877	...	Quincy and Palmyra:						
Peoria & Hannibal (C. B. & Q.):							1st Mort. assumed by H. & St. Jo.	500,000	8	Feb. & Aug.	New York.	1892	...
1st Mortgage, traffic guarantee.....	277,000	8	Jan. & July.	Boston.	1878	100	Quincy and Toledo (T. W. & W.):						
Peoria, Pekin and Jacksonville:							1st Mortgage, guaranteed.....	600,000	7	May & Nov.	New York.	1900	73
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1894	...	Quincy & Warsaw (C. B. & Q.):						
2d Mort. conv. and tax free.....	1,000,000	7	April & Oct.	" "	1900	...	1st Mortgage, guaranteed.....	725,000	8	Jan. & July.	Boston.	1890	110
Peoria and Rock Island:							Reading and Columbia (P. & R.):						
1st Mort. gold, conv. & tax free.....	1,500,000	7*	Feb. & Aug.	N. Y. & Lond.	1900	...	1st Mort., Coupon, guaranteed.....	650,000	7	May & Nov.	New York.	1890	73
2d Mortgage.....	150,000	10	Jan. & July.	New York.	1900	...	2d Mort., Coupon, guaranteed.....	350,000	7	March & Sept.	New York.	1882	95
Perkiomen (Phila. and Rdg.):							2d Mort., Coupon, guaranteed.....	350,000	7	June & Dec.	Columbia.	1884	...
1st Mortgage, guaranteed.....	619,000	6	April & Oct.	Philadelphia.	1897	75	Rensselaer and Saratoga:						
Petersburg:							2d Mortgage.....	300,000	7	Jan. & July.	Troy.	1890	...
1st Mortgage (instalments).....	341,500	8	Jan. & July.	New York.	79-98	84	3d Mortgage.....	150,000	7	" "	" "	1887	...
2d Mortgage.....	500,000	8	" "	" "	1902	...	1st Mort. (Saratoga & Whitehall).....	400,000	7	March & Sept.	New York.	1886	...
Philadelphia and Atl. City:							1st Mort. (Troy, Salem & Rutl.).....	500,000	7	May and Nov.	" "	1890	...
Philadelphia and Baltimore Cent.:							1st Mortgage (Glenn's Falls).....	125,000	7	Jan. & July.	" "	1894	...
1st Mortgage (Penn. Div. 344 m.):	800,000	7	Jan. & July.	Philadelphia.	1879	...	New Gen'l Mort. for \$6,000,000.....	1,798,500	7	May and Nov.	" "	1921	110
1st Mortgage (Md. Div. 91 m.):	300,000	6	" "	" "	1891	...	Richmond and Danville:						
2d Mortgage (Pa. & Md. 46 m.):	400,000	7	" "	" "	1891	...	Virginia State Loan, skg fund.....	600,000	6	Jan. & July.	Richmond.	1890	...
Philadelphia and Erie (Penn.):							Virginia State Guar. bonds.....	157,800	6	" "	" "	1875	...
1st Mort. (Sunbury & Erie 40m):	1,000,000	7	Apr. and Oct.	Philadelphia.	1897	108	1st Mort. (Feldm. Branch).....	500,000	8	" "	" "	1888	...
1st Mortgage.....	5,000,000	6	" "	" "	1881	104	2d Mort. (Northwestern N. C.).....	500,000	6	April & Oct.	N. Y. or Rich.	1892	...
2d Mortgage.....	3,000,000	7	Jan. & July.	London.	1880	101	3d Mort. (Northwestern N. C.):	500,000	6	May and Nov.	New York.	1892	72
General Mort. for \$20,000,000.....	7,452,000	6*	" "	Phil. or Lond.	1920	...	Consolidated Mortgage.....	1,766,000	6	May and Nov.			
Philadelphia and Reading:							Rich. & Fredericksburg & Potomac:						
Loan of 1868, deb'nture.....	1,135,300	6	Jan. & July.	Philadelphia.	1893	46	Sterling Loan.....	87,777	6*	Jan. & July.	London.	1875	...
Mort. Loans of 1843-44-45 & 49.	1,510,500	6	" "	" "	1890	104	Dollar Loan.....	175,428	7	" "	Richmond.	1875	...
Mortgage Loan of 1868.....	2,700,000	7	Apr. and Oct.	" "	1893	111	Dollar Loan, Coupon.....	450,000	8	" "	" "	1881	...
Mortgage Loan of													

## AMERICAN RAILROAD BOND LIST.

An Asterick (\*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate	Interest Payable.			Description of Bonds.	Amount.	Rate	Interest Payable.			
			When.	Where	Due				When.	Where	Due	
Saginaw Valley and St. Louis:	\$						South Carolina:	\$				
1st Mortgag.....	346,000	6	May & Nov.	Saginaw.	1892	...	1st Mortgage Sterling.....	1,482,867	5*	Jan. & July.	London.	'82-'88
Saint Croix and Penobscot:							1st Mortgage (L.) currency.....	1,081,500	7	" "	New York.	'75-'88
1st Mort. (Cal. & Baring).....	95,200	6	Jan. & July.	Calais, Me.	1879	...	2d Mort. for \$3,000,000.....	1,206,500	7	April & Oct.	"	1902
2d Mort. (" ").....	17,500	6	" "		1879	...	Domestic (I) Bonds.....	1,084,000	7	April & Oct.	Charleston.	1891
Calais Loan (Lewey's Island).....	115,000	6	June & Dec.	"	1876	...	Domestic (K) Bonds.....	63,500	6	Jan & July.	"	'80-'92
St. Joseph & Denver City:							South Georgia and Florida:					
1st Mort. (E. D.) gold tax free..	1,500,000	6*	Feb. & Aug.	N. Y. & Lond.	1899	...	1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888
1st M. (W.D.) land grant, g'd tax fr	5,600,000	6*	" "	"	1900	...	2d Mort. " " "	200,000	7	" "	"	1889
St. Joseph and St. Louis:							South Mountain Iron (Cumb. Val):					
1st Mortgage.....	1,000,000	6	May & Nov.	New York	1893	...	1st Mortgage guaranteed.....	200,000	6	June & Dec.	Philadelphia.	1888
St. Louis, Alton and Terre Haute:							2d Mortgage for \$200,000.....	177,500	7	March & Sept.	"	1884
1st Mortgage skg f'd. (Series A).....	1,100,000	7	Jan. & July.	New York	1894	...	South and North Alabama:					
1st Mortgage skg f'd. (Series B).....	1,100,000	7	April & Oct.	"	1894	104	1st Mort., endor. by Ala. gold...	391,000	8*	Jan. & July.	New York.	1890
2d Mortgage preferred (Series C).....	1,400,000	7	Feb. & Aug.	"	1894	60	Sterling Mort., guar. by L. & N.	21,638,000	6*	May & Nov.	London.	...
2d Mortgage preferred (Series D).....	1,400,000	7	May & Nov.	"	1894	...	South Pacific (St. Louis & San F.):					
2d Mortgage Income (Series E).....	1,700,000	7	" "	"	1894	30	1st Mortgage gold, assumed.....	7,194,500	6*	Jan. & July.	New York.	1888 84
Equipment Mortgage.....	300,000	10	March & Sept.	"	1894	...	South Shore (Mass.):					
St. Louis, Iron Mt. and Southern:							1st Mortgage, sinking fund.....	150,000	6	April & Oct.	Boston	'80-'81 102
1st Mort. (St. Louis & Iron Mt.).....	4,000,000	7	Feb. & Aug.	New York	1892	104	South Side, Va. (A., M. and O.):					
2d Mort. (" ").....	6,000,000	7	May & Nov.	"	1897	65	1st preferred bonds.....	675,000	8	Jan. & July.	New York.	'84-'90 102
1st Mort. L.G. (Arkansas Br'n).....	2,500,000	7	June & Dec.	"	1897	...	2d preferred bonds.....	621,000	6	" "	"	'84-'90 80
1st Mort. (Cairo, Ark. & Tex.).....	1,500,000	7	" "	"	1897	...	3d preferred bonds.....	452,800	6	" "	"	'84-'90 65
Consolidated Mortgage.....	1,500,000	7	.....	"	1899	...	Southern (N.Y.):					
St. Louis, Jacksonville & Chicago:							1st Mortgage, skg fund conv.....	1,500,000	7	Feb. & Aug.	New York.	1890
1st Mortgage.....	2,929,000	7	April & Oct.	New York	1894	...	2d Mortgage.....	600,000	7*	March & Sept.	"	1892 108
2d Mortgage.....	548,000	7	Jan. & July.	"	1898	...	1st Mortgage gold.....	1,500,000	7*	May & Nov.	New York.	1900
St. Louis, Kansas City & North:							Southern of L. L.:					
1st Mortgage (North Missouri).....	6,000,000	7	Jan. & July.	New York	1895	101	1st Mortgage (South Side R. R.).....	750,000	7	March & Sept.	New York.	1887
Real estate & 2d M. for \$3,000,000.....	933,000	7	March & Sept.	"	1895	88	2d Mort. Sink. Fund.....	1,500,000	7	May & Nov.	"	1900
St. Louis, Lawrence and Denver:							Southern Minnesota:					
1st Mort. guar. by Atl. and Pac.	1,020,000	6*	Jan. & July.	New York	1901	...	1st Mortgage land grant tax free.....	3,340,000	8	Apr. & Oct.	New York.	'78-'88
St. Louis and South Eastern:							2d Mortgage, land grant.....	1,252,000	7	Jan. & July.	"	1890
1st Mort. gold skg fund conv.....	2,207,000	7	May & Nov.	New York	1894	...	Southern (Cal.) Pacific:					
1st M. (Evans D.) gold skg f'd, con	1,000,000	7	" "	"	1896	...	1st Mortgage gold for \$28,000,000.....	11,000,000	6*	April & Oct.	New York.	.... 94
1st Mort. (Evans, Ilion & Nasb.).....	1,000,000	7	Jan. & July.	"	1897	...	Southern Pennsylvania:					
Consel. Mort. Skg. Fund.....	2,000,000	7	Feb. & Aug.	"	1902	...	1st Mortgage gold.....	625,000	7*	March & Sept.	Philadelphia.	1900
St. Louis, Van. & T. H. (T.H.&L.):							2d Mortgage gold.....	88,000	7*	" "	"	1880
1st Mortgage, guaranteed.....	1,899,000	7	Jan. & July.	New York	1897	...	Southern (Cen. of Ga.):					
2d Mortgage, (A.) guaranteed.....	1,600,000	7	May & Nov.	"	1898	...	Plain Bonds, various conv.....	391,000	7	various.	Macon.	'72-'86
2d Mortgage (B.) convertible.....	1,000,000	7	" "	"	1899	...	1st Mortgage (Muscogee) conv.....	300,000	7	" "	"	'72-'76
St. Louis and San Francisco:							Spartanburg and Union:					
2d Mortgage A for \$500,000.....	319,840	6*	May & Nov.	New York	1906	...	1st Mortgage, end. by S. Car. ....	350,000	7	Jan. & July.	Charleston.	1879
2d Mort. B. & C for \$5,200,000.....	4,959,142	2*	" "	"	1906	25	1st Mortgage not endorsed.....	198,370	7	" "	"	1879
St. Paul and Pacific 1st Division:							1st Mortgage.....	416,000	7	Jan. & July.	Boston.	'83-'91
1st Mort. (St. P. to St. Anth.) 10m.	120,000	8	March & Sept.	New York	1892	...	Springfield, Athol & Northeastern:					
1st M. (St. Paul to Watab) 80m.	366,000	7	Jan. & July.	"	1892	...	1st Mortgage.....	3,400,000	7*	Feb. & Aug.	New York.	1899
2d Mort. (do.) & 1st land gr.	1,145,750	7	June & Dec.	"	1892	...	Springfield & Illinois S. Eastern:					
1st M. (Main L.) R.R. & Lands.	3,000,000	7*	May & Nov.	London	....		1st Mortgage gold, tax free.....	446,000	7*	April & Oct.	"	1900
2d M. (do.) R. R. & Lands.	8,500,000	7*	" "	"	....		Springfield and Northwestern:					
General Mortgage for \$15,000,000.....	.....	7*	.....	"	....		1st Mortgage gold, skg fund.....	500,000	7*	Feb. & Aug.	New York.	1901
St. Paul, Stillwater & Taylor's F.:							Staten Island:					
1st Mortgage.....	450,000	8	Jan. & July.	New York	1901	...	1st Mortgage.....	200,000	7	Jan. & July.	New York.	1886 55
Salem (West Jersey):							Stanstead, Shefford and Chamblly:					
1st Mortgage guar.....	100,000	6	Jan. & July.	Philadelphia	1878	...	1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887 35
Salem and Lowell (B. & L.):							2d Mortgage.....	250,000	6	Feb. & Aug.	Boston.	1881
Sand, Mansfield & Newark (B&O):							1st Mortgage, skg fund.....	1,000,000	7	May & Nov.	New York.	1886
1st Mortgage guaranteed.....	2,301,000	7	Jan. & July.	New York	1900	91	Summit Branch:					
Baratoga & Whitehall (R. & S.):							1st Mortgage.....	800,000	7	Jan. & July.	N.Y. Bost. Ph.	1904 95
1st Mortgage, guaranteed.....	400,000	7	March & Sept.	New York	1886	...	2d Mortgage.....	1,200,000	7*	April & Oct.	Philadelphia.	1890
Savannah, Albany & Gulf (A&G):							1st Mortgage gold.....	1,200,000	7*	April & Oct.	"	1891
Sectional Mort.....	310,000	7	Jan. & July.	New York	Var.	...	2d Mortgage.....	300,000	6*	" "	"	...
Savannah and Charleston:							1st Mortgage.....	1,000,000	7	.....	New York.	...
1st Mortgage (Sav. & Char.):	500,000	7	Jan. & July.	New York	1889	...	Income Mort. gold.....	1,000,000	7	.....	"	...
State guaranteed (C. & S.) bonds.	505,000	6	March & Sept.	Charleston	1877	...	Supens. Bridge & Erie Junc. (E.):					
Funded Interest bonds, guar.....	111,800	7	" "	New York	1889	...	1st Mortgage.....	1,750,000	7	April & Oct.	New York.	1906
Savannah, Griffin & North Al.:							2d Mortgage (now 1st).....	270,000	7	June & Dec.	"	1887 103
1st Mortgage for \$500,000 guar.....	152,000	7	Jan. & July.	Macon.	1891	...	Syracuse, Bing. & N.Y. (D.L&W):					
Savannah and Memphis:							1st Consol. Mortgage.....	1,750,000	7	April & Oct.	New York.	1906
1st Mort. gold, endor. by State.	16,000pm	8*	May and Nov.	New York	1890	...	2d Mortgage (now 1st).....	270,000	7	June & Dec.	"	1887
Schenectady & Susq. (D. & H. Can.):							1st Mortgage.....	1,000,000	7	.....	New York.	...
1st Mortgage gold, tax free.....	400,000	7	Jan. & July.	New York	1900	...	Income Mort. gold, skg fund.....	1,000,000	7	.....	"	...
Schoolcraft & Three R. (L.S. & MS):							1st Mort. gold, skg fund.....	500,000	7*	Feb. and Aug.	New York.	1891
1st Mortgage.....	100,000	8	Jan. & July.	New York	1887	...	1st Mort. gold, skg fund.....	1,163,000	7*	June & Dec.	New York.	1903
Seaboard and Roanoke:							Terre Haute & Indianapolis:					
1st Mortgage.....	210,000	7	Jan. & July.	New York	1880	...	1st Mortgage.....	800,000	7	April & Oct.	New York.	1879
Belma and Gulf:							Bonds of 1873 for \$1,600,000.....	516,000	7	" "	"	1894
1st Mort. (guar. by Ala.):	1,888,000	8	April & Oct.	New York	1890	...	1st Mortgage, 8,000 per mile....	3,555,000	6*	Mar. & Sept.	N.Y. Ph. Lon.	1905 85
Seima, Marion and Memphis:							Consolidated Mortgage.....	7,545,000	6*	June & Dec.	"	1906
1st Mort. guar. by Ala. ....	16,000pm	8	March & Sept.	New York	1889	...	Income and Land Grant.....	7,339,805	7	July.	N. Y. & Phil.	1915
Seima, Rome and Dalton:							Toledo, Can. Southern & Detroit:					
1st Mortgage, tax free.....	3,000,000	7	April & Oct.	New York	1887	...	1st Mortgage.....	1,500,000	7*	Jan. and July.	.....	1906 50
2d Mortgage.....	4,000,000	7	Jan. & July.	"	1891	...	1st Mortgage.....	1,600,000	7	June & Dec.	New York.	1894 96
Equipment Mortgage.....	230,000	10	" "	"	1881	...	1st Mortgage (Eastern Div.):	1,800,000	7	Feb. and Aug.	"	1896 96
Shamokin Valley & Pottsv. (N.C.):							1st Mortgage (Western Div.):	1,800,000	7	April & Oct.	"	1886 25
1st Mortgage, on road and lands.	2,000,000	7*	Jan. & July.	Philadelphia	1901	94	2d Mort. conv. ....	1,300,000	7	Feb. and Aug.	"	1882
Sheboygan and Fond du Lac:							Equipment Mort. sinking fund.....	94,000	8	Jan. & July.	"	1879
1st Mortgage.....	729,000	7	June & Dec.	New York	1884	...	Consol. Mort. for \$6,200,000.....	1,500,000	7	May & Nov.	"	1910 25
1st Mortgage extension.....	694,000	8	April & Oct.	"	1896	...	1st Mortgage (Burl. Branch):	250,000	7	June & Dec.	"	1901
Shenango and Allegheny:							Toledo, Wabash and Western:					
1st Mortgage for \$1,000,000.....	795,000	7	April & Oct.	New York	1889	...	1st Mort. (Toledo and Illinois):	900,000	7	Feb. and Aug.	New York.	1890 101
hepaw Valley (Ot.):							1st Mort. (L. Erie, Wab. & St. L.):	2,500,000	7	" "	"	101
1st Mort. ....	400,000	7	April & Oct.	New York	1891	...	1st Mort. (Gt. West. Rwy. of '59):	2,500,000	7	" "	"	101
2d Mortgage.....	290,000	7	Jan. & July.	"	1902	...	1st Mort. (Quincy and Toledo):	500,000	7	May & Nov.	"	64
Shore Line (N. Y., N. H. & Hart.):							1st Mort. (Illa & South'n Iowa):	300,000	7			

## AMERICAN RAILROAD BOND LIST.

The Letter (a) affixed to Rate of Interest Signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate	Interest Payable.			Description of Bonds.	Amount.	Rate	Interest Payable.			
			When.	Where.	Due.				When.	Where.	Due.	
Troy & Bennington (T. & B.): 1st Mortgage skg fund, guar...	\$ 69,700	7	Jan & July.	Troy.	1878	....	Western Maryland: 1st Mortgage, unendorsed.....	\$ 400,000	6	Jan. and July.	Baltimore.	1890 100
Troy and Boston. 1st Mortgage.....	300,000	7	Jan. & July.	New York.	1887	....	1st Mort. endor. by Balt.....	200,000	6	“	“	1890 111
2d Mortgage.....	300,000	7	April & Oct.	“	1885	....	2d Mort. “	300,000	6	“	“	1890 111
3d Mortgage.....	650,000	7	May and Nov.	“	1875	....	2d Mort. endor. by Wash. Co.	300,000	6	“	“	1890 103
Convertible Bonds.....	648,000	7	“	“	1882	....	2d Mortgage preferred.....	600,000	6	“	“	1895 65
Troy, Salem & Rutland (R. & Sar.): 1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890	....	3d Mortgage endor. by Balt.....	875,000	6	“	“	1900 110
Troy Union (and Depot): 1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878	....	4th Mortgage.....	1,000,000	6	“	“	1900 ...
Tuckerton: 1st Mortgage.....	408,000	7	April & Oct.	Philadelphia.	1901	....	Western Pacific (Cen. Pac.): 1st Mort., assumed.....	2,725,000	6	Jan. and July.	New York.	1899 101
Union Pacific: 1st Mortgage gold, tax free....	27,251,000	66	Jan. & July.	N. Y. & Bost.	96-'99	105	Western Pennsylvania (Penn.): 1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1893 81
1st Mort. Land Grant.....	7,324,000	7	Apr. and Oct.	“	1887	106	1st Mortgage (Pittsb. Branch). General Mortgage.....	1,000,000	6	Jan. and July.	“	1896 ...
2d Mortgage (Gov. subsidy)....	27,236,512	6	Jan. & July.	U.S. Treasury.	96-'99	106	Western Union (Chi., M. & St. P.): 1st Mortgage for \$5,000,000.....	1,300,000	7	....	New York.	1896 ...
3d Mortgage Sinking Fund.....	14,045,000	8	March & Sept.	New York.	1894	99	West Jersey: Debenture bonds guar. by C. & A.	3,500,000	7	Jan. and July.	“	1896 ...
Omaha Bridge Bonds Sterling.....	2,225,000	86	Apr. and Oct.	London.	1896	....	1st Mortgage.....	400,000	6	March & Sept.	Camden.	1883 80
Union Pacific (Central Div.): 1st Mortgage gold, tax free....	1,600,000	66	May and Nov.	New York.	1895	....	1st Mortgage.....	1,000,000	6	Jan. and July.	“	1896 105
2d Mortgage (Gov. subsidy)....	1,600,000	6	Jan. & July.	U.S. Treasury.	96-7-8	....	1st Mort. (Salem) guar.....	100,000	6	“	Philadelphia.	1878 ...
Union Pacific, S. R. (M. K. & T.): 1st Mortgage gold, skg fund....	3,220,000	66	Jan. & July.	New York.	1899	....	2d Mort. (Cape May & Millville).....	200,000	6	June & Dec.	Camden.	“ ...
Union & Titusville (P. T. & Buff.): 1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	47	Consolidated Mortgage.....	500,000	7	Apr. and Oct.	“	1899 100
United N. J. R. R. & Can. Cos.: Loan of 1901 (United Companys') Sterling Loan £360,200 (U. Co's)	3,000,000	6	March & Sept.	Philadelphia.	1901	103	West Wisconsin: 1st Mort. land gr., gold skg fund.....	3,900,000	76	Jan. and July.	N. Y. or Lond.	1897 ...
Sterling Loan £360,000 (U. Co's)	1,846,000	56	“	London.	1894	....	1st Mort. (Southern Extension). White Water Valley:	640,000	76	“	“	1902 ...
Loan of 1894 Sk. Fund (U. Co's)	1,800,000	66	“	“	1894	....	1st Mortgage.....	1,021,340	8	Feb. and Aug.	Cincinnati.	1890 10
Loan of 1888 (United Compa's) 3nd to State of N. J. (U. Co's)	2,000,000	6	Apr. and Oct.	Philadelphia.	1894	....	Wico Mico and Pocomoke:	200,000	6	Jan. and July.	New York.	1888 ...
Sterling S. F. £252,000 (C. & A. M.)	154,000	6	Feb. and Aug.	“	1888	96	Williamston and Tarboro': 1st Mortgage.....	350,000	8	May and Nov.	New York.	1900 ...
Loan of 1888 (Camden & Amb'y)	500,000	7	(Due 90 days after demand.)	London.	1888	....	Wilmington, Colum. & Augusta:	3,800,000	7	June & Dec.	Baltimore.	1900 20
Loan of 1889 (U. Co's)	866,000	6	Feb. and Aug.	Philadelphia.	1883	103	Wilmington and Reading:	1,200,000	7	Apr. and Oct.	Philadelphia.	1900 48
Mortg. Loan (U. Co's)	5,000,000	6	May and Nov.	Princeton.	1889	102	2d Mortgage coupon or regis. ....	1,700,000	7	Jan. and July.	“	1902 10
Loan of '78 (N. J. R. R. & T. Co.)	450,000	6	Feb. and Aug.	New York.	1873	110	Wilmington and Weldon:	648,700	68	Jan. and July.	London.	1881 ...
Bond to State of N. J. (do.)	100,000	7	Apr. and Oct.	N. Y. (Over Due.)	....	Sterling Bonds.....	221,400	76	May and Nov.	“	1886 ...	
Utah Central: 1st Mortgage.....	1,000,000	6	Jan. & July.	Salt Lake City.	1890	....	Sinking Fund gold, Bonds.....	749,000	76	Jan. and July.	New York.	1896 96
Utah Southern: 1st Mortgage.....	660,000	7	Jan. & July.	Salt Lake City.	1891	....	Wilmington and Western (Del.): 1st Mortgage.....	500,000	73	J. A. J. & G.	Phil. & Wilm.	1892 ...
Utica and Black River: 1st Mortgage.....	200,000	7	Jan. & July.	N. Y. & Utica.	1878	....	1st Mortgage \$20,000 p. m.....	2,750,000	7	Jan. and July.	New York.	1887 101
Bonds of 1871 (2d issue).....	575,000	7	“	“	1891	....	2d Mortgage \$12,000 p. m.....	1,650,000	7	May and Nov.	“	1907 85
Utica, Ithaca and Elmira: 1st Mortgage, Sterling.....	1,500,000	7.3	Jan. & July.	London.	1902	....	Extension mortgage bonds.....	4,375,000	76	June & Dec.	“	1916 ...
Vermont Cent.—See Central Vt.	....	....	....	....	....	....	Wisconsin Central: 1st M. L. G. gold S. F. \$25,000 pm	4,618,000	76	Jan. and July.	Boston.	1901 15
Vermont and Massachusetts: 1st Mortgage sinking fund....	550,000	6	Jan. and July.	Boston.	1883	104	Worcester (Md.): 1st Mortgage.....	210,000	6	Jan. and July.	Baltimore.	1891 ...
Convertible bonds, tax free....	200,000	7	“	“	1879	104	Worcester and Nashua: Plain Bonds.....	125,000	7	Jan. and July.	Boston.	1881 ...
Convertible bonds.....	150,000	7	“	“	1885	105	Plain Bonds.....	185,300	6	Various.	“	1883 107
Vicksburg and Meridian: 1st series (red).....	717,500	7	Jan. and July.	Philadelphia.	1890	....	Plain Bonds.....	250,000	7	Apr. and Oct.	“	1895 ...
General 2d series (blue).....	850,000	7	“	“	1890	....	Plain Bonds.....	400,000	7	Feb. and Aug.	“	1896 ...
Mortgage 3d series (black).....	128,000	7	“	“	1890	....	CANAL BONDS.	....	....	....	....	
4th series (not end'd.).....	1,141,700	7	Apr. and Oct.	“	1890	....	Chesapeake and Delaware: 1st Mortgage sinking fund.....	1,993,750	6	Jan. and July.	Philadelphia.	1886 70
Special Loan 1871.....	213,000	8	Jan. and July.	“	1890	....	Chesapeake and Ohio: Sterling Loan guaranteed.....	4,375,000	56	J. A. J. & O.	London.	1890 ...
Vineland: 1st Mortgage tax free....	750,000	7	Apr. and Oct.	New York.	1890	....	Preferred Bonds (next lien).....	1,899,500	6	J. A. J. & O.	Baltimore.	1886 70
Virginia & Tennessee (A. M. & O.): 1st Mortgage.....	5,000	6	Jan. and July.	N. Y. & Lynch.	1873	....	Delaware Division (L. C. & N.): 1st Mortgage, guaranteed.....	800,000	6	Jan. & July.	Philadelphia.	1893 98
3d Mortgage.....	990,000	6	“	“	1884	96	Delaware and Hudson: 1st Mort. 2d series, July 1, 1871	3,500,000	7	Jan. and July.	New York.	1884 101
5th Mortgage.....	968,000	8	March & Sept.	“	1900	102	reg. 1d series, Jan. 1, 1871	5,000,000	7	“	“	1891 101
Registered Certificates.....	94,191	8	Jan. and July.	“	1875	....	2d Mort. 2d series, July 1, 1871	5,000,000	7	“	“	1894 101
Funded Interest.....	226,900	8	“	“	1880	....	Lehigh Coal and Navigation: Loan of 1877, Debentures.....	762,770	6	June & Dec.	Philadelphia.	1877 ...
Wallkill Valley (Erie): 1st Mortgage gold, tax free....	810,500	76	Apr. and Oct.	New York.	1901	....	Convertible Debentures.....	41,560	6	“	“	1882 ...
Warren (D. L. & W.): 1st Mortgage, guaranteed.....	511,400	7	Feb. and Aug.	New York.	1875	....	Convertible Loan, gold.....	771,000	66	March & Sept.	“	1894 92
Warren & Franklin (P. T. & B.): 1st Mortgage, assumed.....	750,000	7	May and Nov.	“	1900	106	1st Mortgage, registered.....	5,381,983	6	J. A. J. & O.	“	1884 106
Warwick Valley (Erie): 1st Mortgage.....	1,500,000	7	Feb. and Aug.	Philadelphia.	1882	78	1st Mortgage, reg. (R. R.): Mortgage (equip., Loan, gold,.....	2,000,000	6	F. M. A. & N.	“	1897 105
Wasatch and Jordan Valley: 1st Mortgage.....	60,000	7	Apr. and Oct.	New York.	1890	....	Consolidated Mortgage.....	4,658,500	86	June & Dec.	“	1897 94
Washington City, Va. Mid. & G. Co.: 1st Mort. (O. Alex. & Manassas).....	1,650,000	7	May and Nov.	Baltimore.	1882	50	Greenwood Mortgage Loan.....	1,115,000	7	“	“	1911 70
2d Mort. (O. Alex. & Manassas).....	350,000	7	“	“	1891	....	Greenwood Mortgage Loan.....	717,000	7	Feb. and Aug.	“	1922 ...
1st Mort. Orange & Alexandria.....	400,000	6	May and Nov.	“	1873	85	Monongahela Navigation: 1st Mortgage.....	140,000	6	Apr. and Oct.	“	1877 ...
2d Mort. (O. Alex. & Manassas).....	1,200,000	6	Jan. and July.	“	1875	70	1st Mortgage.....	108,000	6	Jan. and July.	New York.	1887 ...
3d Mort. (O. Alex. & Manassas).....	600,000	8	May and Nov.	“	1873	87	Morris (and Banking): 1st Mortgage.....	500,000	6	Apr. and Oct.	Philadelphia.	1876 89
4th Mort. (O. Alex. & Manassas).....	700,000	8	March & Sept.	“	1880	15	Boat Loan, sinking fund.....	236,966	7	Apr. and Oct.	“	1890 100
Funded Coupons (do.).....	723,664	....	....	“	....	....	Preferred Stock Dividend Scrip. ....	103,164	7	Jan. and July.	“	1887 ...
1st Mort. (Lynch'g & Danville).....	521,000	....	....	“	1896	....	Pennsylvania: 1st Mortgage skg fund guar.....	2,805,000	6	Jan. and July.	Philadelphia.	1910 59
Virginia State Loan.....	249,962	7	Jan. and July.	“	192-93	....	1st Mortgage.....	600,000	6	“	“	1878 ...
Washington and Ohio: 1st Mort. (Alex. Lou. & Ham.).....	47,000	7	May and Nov.	New York.	1893	....	1st Mortgage (Wy. Val. Can.): 1st Mortgage.....	1,714,330	6	March & Sept.	Philadelphia.	1882-97 60
1st Mortgage for \$9,000,000.....	255,500	76	Apr. and Oct.	“	1901	35	2d Mortgage.....	3,990,392	6	Jan. and July.	“	1882-97 ...
Westchester and Philadelphia: General Mortgage, tax free....	1,100,000	7	Apr. and Oct.	Philadelphia.	1891	116	Improvement bonds.....	260,000	6	May and Nov.	“	1913 ...
Western North Carolina: 1st Mortgage.....	853,000	8	Jan. and July.	“	1890	....	Boat and Car Loan.....	756,660	6	“	“	1915 61
Western of Alabama: 1st Mortgage (Western R.R.).....	600,000	8	Apr. and Oct.	New York.	1883	....	Boat and Car Loan.....	621,000	7	“	“	1896 67
1st Mortgage (M. & W. Point R.R.).....	750,000	8	“	“	1881	....	Coupon Bonds.....	1,200,000	6	Jan. and July.	“	1896 ...
2d Mortgage (consol. guar.).....	1,158,000	8	“	“	1900	....	Susquehanna and Tide Water: 2d Mortgage (Maryland Loan).....	1,000,000	6	Jan. and July.	Phila. & Balt.	1885 ...
Income Mortgage.....	602,900	8	Various.	“	Var.	....	3d Mortgage (Susqueh. Canal).....	1,811,000	6	“	“	1878 30
Western Union Telegraph: 1st Mortgage.....	9,200	7	May and Nov.	New York.	1875	....	Pref. Int. B'ds (2d)	324,810	6	“	“	1894 ...
Real Estate Bonds, Sink. Fund. ....	1,498,000	76	“	“	1902	....	Union: 1st Mortgage.....	3,000,000	6	May and Nov.	Philadelphia.	1888 ...
B'nds (S. F.) Conv. till May '85	3,988,000	7	“	“	1900	109	2d Mortgage.....	450,000	6	Jan. and July.	Philadelphia.	1874 ...
St. Ling Bonds, Sinking Fund. ....	1,101,100	68	March & Sept.	London	1900	....	2d Mortgage.....	298,000	6	“	“	1878 ...

## RAILROAD SHARE LIST, including Mileage, Rolling Stock, Depts., Income, Dividends, &c., &c.

that the cost thereof is included, in that headed "Railroad." A dash (-) across the column signifies "nil," and running dots (....) signify "not ascertain'd."  
And Grant Railroads are printed in "Railes." State and Railroads are distinguished by a "S."

Aliment of Gannons) Balance Sheet

Abstract of General Balance Sheet.									
Market.		Par.		Value of Shares.		Earnings.		Operations.	
Dividends.		Net.		Gross.		Freight.		Tons.	
Passen- gers.		Trains Moved.		Number.		Tons.		Tons.	
Railroad Operated.		M.		M.		M.		M.	
Surplus Income.		Stocks.		3,763,000		20,966		73,713	
Accounts.		Bonds.		3,000,000		2,371		4,271	
Accounts and Cash.		Stocks.		3,000,000		2,371		100,000	
Assets.		Rolling Stock.		3,000,000		2,371		100,000	
Railroads.		M.		M.		M.		M.	
Property and Assets.		Liabilities.		Liabilities.		Liabilities.		Liabilities.	
Compan- ies.		Accounts.		Accounts.		Accounts.		Accounts.	
Freight.		Bonds.		Bonds.		Bonds.		Bonds.	
B. M. E.		Stocks.		Stocks.		Stocks.		Stocks.	
Pass.		Bonds.		Bonds.		Bonds.		Bonds.	
Engines.		Stocks.		Stocks.		Stocks.		Stocks.	
Railroad in progress.		M.		M.		M.		M.	
2d Track and Sidings.		M.		M.		M.		M.	
Branch Line.		M.		M.		M.		M.	
M. in Use.		M.		M.		M.		M.	
Years		M.		M.		M.		M.	
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad.		30	31	1870	1870	1870	1870	1870	1870
2d		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000
Railroad in progress.		30	31	1870	1870	1870	1870	1870	1870
2d Track and Sidings.		1870	1870	1870	1870	1870	1870	1870	1870
Branch Line.		1870	1870	1870	1870	1870	1870	1870	1870
M. in Use.		1870	1870	1870	1870	1870	1870	1870	1870
Years		1870	1870	1870	1870	1870	1870	1870	1870
Freight.		1,50	1870	80,000	80,000	80,000	80,000	80,000	80,000
B. M. E.		2,8	125,00	3	4	3	3	3	3
Pass.		8,5	14	8	8	8	8	8	8
Engines.		19	15	230	1,000	1,000	1,000	1,000	1,000



## RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

Abstract of General Balance Sheet



**RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c. &c.**

Land Grant Railroads are printed in "italic." Stateaid Railroads are distinguished by a "1."

## Abstract of General Balance Sheet



## An Iron Tie for Railroads.

A new railroad tie has been invented by Mr. W. G. Curtis, of Montgomery county, Penn. It is made of boiler iron, something of the shape of the letter U inverted, a bolt running to strengthen it. Of late years, in consequence of the scarcity of wood, the cost of wooden ties has greatly increased, while their average duration of usefulness is not above five years. The iron tie, Mr. Curtis contends, can remain in use for half a century—certainly for twenty years—and its adoption would reduce the cost of maintenance of every one of the chief of railroad expenses about one third. In England, where the necessary kind of wood is at a premium, the ties are a combination of stone and rubber, and it is therefore thought that this invention will be adopted by the English railroad officials.

## Statement of the Public Debt of the United States, September 1, 1878.

## DEBT BEARING COIN INTEREST.

	Amount Outstanding.	Accrued Interest.
5 per cent. bonds, 1858.....	\$260,000 00	\$2,166 67
6 per cent. 1881 bonds, 1861.....	18,415,000 00	184,150 00
6 per cent. bonds, 1881 (Oregon), 1861.....	945,000 00	9,450 00
6 per cent. 1881 bonds, 1861.....	188,321,350 00	1,891,213 50
6 per cent. 1881 bonds, 1863.....	75,000,000 00	750,000 00
5 per cent. 10-40 bonds, 1864.....	194,566,300 00	4,864,157 50
6 per cent. consols, 1865.....	91,783,100 00	917,951 00
6 per cent. consols, 1867.....	310,614,100 00	3,106,141 00
6 per cent. consols, 1868.....	37,465,300 00	374,653 00
per cent. funded loan of 1881	508,440,350 00	2,118,501 46
4 per cent. funded loan of 1891	250,000,000 00	2,812,500 00
4 per cent. funded loan of 1907.	141,850,000 00	946,666 66

Aggregate of debt bearing coin interest..... \$1,818,670,500 00 \$17,978,530 79  
Interest due and unpaid..... 9,455,987 84

## DEBT BEARING INTEREST IN LAWFUL MONEY.

	Amount Outstanding.	Interest due and unpaid.
8 per cent. navy pension fund, 1868.....	\$14,000,000 00	\$70,000 00

## DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

	Amount Outstanding.	Interest due and unpaid.
4 to 6 per cent. old debt, 1837	\$57,665 00	\$64,174 81
5 per cent. Mexican indemnity stock, 1846.....	1,104 91	85 74
6 per cent. bonds, 1847.....	1,250 00	22 00
6 per cent. bounty land scrip, 1847.....	3,300 00	213 39
5 per cent. Texas indemnity bonds, 1850.....	21,000 00	3,045 00
6 per cent bonds, of 1858.....	8,000 00	.....
5 per cent. bonds, 1860.....	10,000 00	600 00
6 per cent. 5-20 bonds, called 1862.....	429,200 00	489 07
6 per cent. 5-20 bonds, called June, 1864.....	92,300 00	702 36
6 per cent. 5-20 bonds, called 1865.....	290,400 00	67,823 73
6 per cent. Consol. bonds, called, 1865.....	10,417,550 00	167,944 06
1-10 to 6 per cent. treasury notes, prior to 1846.....	82,525 35	2,068 06
1-10 to 6 per cent. treasury notes, 1846.....	6,000 00	206 00
6 per cent. treasury notes, 1847.....	950 00	57 00
3 to 6 percent. treasury notes, 1857.....	1,800 00	102 00
6 per cent. treasury notes, 1861.....	3,000 00	364 50
7-10 per cent. 3 years' treasury notes, 1861.....	16,700 00	1,141 30
6 per cent. 1 year notes, 1863.....	51,145 00	2,569 35
per cent. 2 year notes, 1863.....	28,550 00	2,115 65
6 per cent. compound interest notes, 1863-64.....	272,150 00	55,18 29
7-10 per cent. 3 years' treasury notes, 1864-65.....	150,000 00	7,415 43
6 per cent. certificates of indebtedness, 1862-63.....	5,000 00	313 48
4 to 6 per cent. temporary loan, 1864.....	3,060 00	256 06
3 per cent. certificates called.	6,000 00	394 31

Aggregate of debt on which interest has ceased since maturity..... \$11,973,650 26 \$377,721 59

## DEBT BEARING NO INTEREST.

	Amount Outstanding.	Interest.
Demand notes, 1861-62.....	\$62,240 00	
Legal tender notes, 1862-63.....	246,681,016 00	
Certificates of deposit.....	49,460,000 00	
Fractional currency, 1862-64.....	16,351,728 10	
Coin certificates, 1863.....	38,016,400 00	
Silver certificates.....	6,001,450 00	
Unclaimed interest.....		8,977 03

Aggregate of debt bearing no interest..... \$456,572,834 10 \$8,977 03

## RECAPITULATION.

	Amount Outstanding.	Interest.
Debt bearing interest in coin, viz:		
Bonds at 6 per cent.....	\$723,553,850 00	
Bonds at 5 per cent.....	703,266,650 00	
Bonds at 4½ per cent.....	250,000,000 00	
Bonds at 4 per cent.....	141,860,000 00	
		\$1,818,670,500 00
Debt bearing interest in lawful money, viz:		
Navy pension fund, 3 percent.	14,000,000 00	70,000 00
Debt on which interest has ceased since maturity.....	11,973,650 26	377,721 59
Debt bearing no interest, viz:		
Old Demand and legal-tender notes.....	\$346,743,256 00	
Certificates of deposit.....	49,460,000 00	
Fractional currency.....	16,351,728 10	
Coin and Silver Certificates.....	44,017,850 00	
		\$456,572,834 10
Unclaimed interest.....		
		8,977 03

Total debt, principal and interest, to date, including interest due and unpaid..... \$2,301,216,984 36 \$27,890,917 25

## AMOUNT IN TREASURY.

	Amount	Interest.
Coin.....	\$238,420,709 57	
Currency.....	2,122,171 97	
Currency held for redemption of fractional currency.....	10,000,000 00	
Special deposit held for redemption of certificates of deposit as provided by law.....	49,460,000 00	

\$300,000,000 54

Debt, less amount in Treasury, Sept. 1, 1878..... \$2,029,105,022 07

Debt, less amount in Treasury, on the 1st ult. .... 2,035,580,254 85

Decrease of debt during the past month..... \$6,475,504 78

Decrease of debt since June 30, 1878..... 6,881,811 75

BONDS ISSUED TO THE PACIFIC RAILROAD COMPANIES, INTEREST PAYABLE IN LAWFUL MONEY.

	Amount Outstanding.	Accrued Interest.
Central Pacific bonds, 1862-64	\$25,885,120 00	\$258,851 20
Kansas Pacific bonds, 1862-64	6,303,000 00	33,030 00
Union Pacific bonds, 1862-64	27,236,512 00	272,365 12
Central Branch Union Pacific bonds, 1862-64.....	1,600,000 00	16,000 00
Western Pacific bonds, 1862-64	1,970,560 00	19,705 60
Sioux City and Pacific bonds, 1862-64.....	1,628,320 00	16,283 20
		\$64,623,512 00
		\$646,235 12

Interest paid by United States, \$39,835,039 84; interest repaid by transportation of mails, &c., \$10,211,749 60; balance of interest paid by United States, \$29,593,290 88

The foregoing is a correct statement of the public debt, as appears from the books and Treasurer's returns in the Department at the close of business, August 31, 1878.

JOHN SHERMAN,  
Secretary of the Treasury.

It is stated that the Pittsburg, New Castle and Lake Erie Railroad Company will assume the construction of a narrow gauge road to the Butler county oil fields. This will be accomplished by a twelve mile branch from the main line at Harmony to Butler. Machine shops at Butler are spoken of.

The United States Railway Mail Service Mutual Benefit Association, of which C. E. Moore of Springfield, Mass., is President, closed its session at Washington on the 5th inst., and adjourned to meet at Cleveland, Ohio, on the 4th Tuesday of September, 1879. The total membership is about 1250.

The gross earnings of the Chicago, Milwaukee and St. Paul Railway for the eight months ending August 31, 1878, were \$5,428,000, against \$4,190,812 for the corresponding period of 1877, an increase of \$1,237,188.

In Scotland railway engineers and passengers and freight train hands are paid from \$8 50 to \$10 per week of 60 hours; stokers from \$5 25 to \$6 25, and porters from \$4 to \$4 50.

The Richmond and Danville Railroad Company have purchased a controlling interest in the Charlotte, Columbia and Augusta Railroad.

## Philadelphia Stock Exchange.

Closing Prices for the week ending Sept. 10.

	W. 4. Th. 5. F. 6. Sat. 7. M. 9. Tu 10.
Baltimore and Ohio.....	91 1/2 91 1/2 91 91 1/2
6s, 1880.....	
6s, 1885.....	
Central Ohio.....	
1st mortgage.....	99 1/2 99 1/2
Marietta & Cincinnati.....	
1st mortgage, 7s.....	82 1/2 82 1/2 82 82
2d mortgage, 7s.....	
3d mortgage, 8s.....	
Northern Central.....	
2d mortgage, 6s 1885.....	
3d mortgage, 6s, 1900.....	
6s, 1900, Gold.....	
Orange and Alex. 1st.....	
2d mortgage, 6s.....	
3d mortgage, 6s.....	
4th mortgage, 8s.....	
O. Alex. & Manassas 7s.....	
Pittsb. & Connells 7s.....	
Virginia 6s, Consol. 5 1/2.....	54 1/2 55 55 54 1/2
Consol. Coupons.....	
Deferred Certificates.....	
Western Maryland.....	
1st M., end. by Balt.....	
2d M., do.....	
3d M., do.....	
1st M., end. unendorsed.....	
2d M., end. Wash. Co.....	
3d M., end. preferred.....	
City Passenger B R.....	

## New York Stock Exchange.

Closing Prices for the week ending Sept. 11.

	Th.5	F.6	Sat.7	M.9	Tu.10	W.11
Adams Express.	106	106	106	106	106	106
Albany and Susq.	81	82				
1st mortgage.						
2d mortgage.						
American Express.	49	49				
Am. Dock and Imp. 7s.	29	29	28	31		
Atlantic & Pacific Tel. 27	23	23		25		
Burl. C. R. & Nor.	69	69	69	69		
1st mortgage 5s.	69	69	69	69		
Canada So. 1st guar.	74	74	75	74	74	
Central of N. Jersey ..	34	34	34	34	34	
1st mortgage 1890.	114	114	113	113		
7s, consolidated.			82			
7s, convertible.						
Central Pacific 6s, gold 106	105	105	106	105		
1st M. (San Joaquin). 93	92	92	92			
1st M. (Cal. and Or.). 91			91			
Land grant 6s.						
Chicago and Alton.	83	84	84			
Preferred.	101					
1st mortgage.			114			
Sinking Fund.						
Chic. Burl. & Quincy. 110	111	111	110	110	111	
7s, Consol. 1903.	113	113	113	113		
8s, 1883.			111	112		
Chic. & Milwaukee 1st.						
Chic. Mil. and St. Paul. 28	28	28	28	29	30	
Preferred.	66	66	67	67	65	
1st mortgage, 5s. 117						
2d mortgage, 7s 106.						
7s, gold.						
1st M. (La Crosse div.).			101			
1st M. (I. and M. liv.).	99	105	105			
1st M. (I. and D. div.).						
1st M. (H. & D. div.).						
1st M. (C. & M. div. 102)	103	103				
Consolidated S. F. 94	93	93	93	93	94	
Chic. & North Western. 35	34	34	36	35	36	
Preferred.	65	65	66	66	68	
1st mortgage.	107					
Sinking Fund.			106	106		
Consolidated 7s.	110			110		
Consol. Gold bonds. 99	99	99	99	99		
Do. reg.						
Chic. Rock Isl. & Pac. 117	117		116	116		
7s, 1896.						
6s, B. F.						
6s, 1917.						
Clev. Col. C. and Ind. 32	32	32	32	31	31	
1st mortgage.	107			107		
Clev. & Pittsburgh guar.	81	81		81		
7s, Consolidated.						
4th mortgage.						
Clev. P. and Ash. 7s. 109						
7s, new.			111			
Col. Chi. & Ind. 1st ent.	3	3	3	3		
1st mortgage.	45		43	43		
2d mortgage.						
Del. & Hudson Canal. 49	48	48	48	48	49	
Reg. 7s, 1891. 101						
Reg. 7s, 1884.	101					
7s, 1894.						
Del. Lack. & Western. 52	52	52	50	51	51	
2d mortgage 7s.			103			
7s, Convertible.						
7s, Consol. 1907.	103	103	103			
Dt. of Columbia 3-6s. 79	79	79	79	79	79	
Eric Railway.	13	13	13	13	14	
Preferred.						
1st mortgage.						
2d mortgage.	108x		103			
3d mortgage.				105		
4th mortgage.				106		
5th mortgage.			107			
Great Western 1st mort.			101x			
2d mortgage.	67	68				
Hannibal & St. Joseph 154	154	154	154	144	144	
Preferred.	38	38	38	38	37	37
8s, Convertible.	98	98	98	97	97	
Hudson River 2d mort.						
Illinois Central.	73	73	73	78	79	79
Kansas Pacific.						
Lake Shore & Mich. So. 67	67	67	67	64	64	
Consol. 7s.				112		
Consol. 7s, reg.						
2d Consolidated.	103	103		104	104	
Lake Shore Div. bonds.						
Leh. & W. B. 7s, Con.						
Long Dock bonds.						
L'ville & Nash. 7s Cons.	107			108		
Michigan Central.	71	71	71	70	69	69
7s, 1902.				111		
8s 1882, S. F.						
M. S. and N. I. 1st, S. F.	110					
Morris and Essex.	82	83	82	83		
1st mortgage.						
2d mortgage.			104			
7s of 1871.						
7s, Convertible.						
7s, Consolidated.						
N. Y. Cent. & Hud. Riv. 114	114	114	114	113	113	
7s, Sinking fund, 1876.						
6s, Sinking fund, 1888.	106					
6s, Sinking fund, 1887.						
1st mortgage.	118		117	118		
1st mortgage, reg.	118		117	118		
N. Y. Elevated 1st M.	82	85				
N. York and Harlem. 138	138		138	138		
Preferred.						
1st mortgage.						
1st mortgage, reg.						

## New York Stock Exchange.

Closing Prices for the week ending Sept. 11.

	Th.5	F.6	Sat.7	M.9	Tu.10	W.11
New Jersey.						
N. Y., N. Haven & Hart.	159			158	158	
North Missouri 1st M.	103			74	74	74
Ohio and Mississippi.	74					
Preferred.						
2d mortgage.	65		65	65		
Consolidated 7s.	99					
Consol. Sinking fund.						
Ontario Silver.	40			40	40	
Pacific Mail S. S. Co.	18	18	18	17	17	
Pacific R. R. of Mo.						
1st mortgage.	102					
2d mortgage.	99			98		
Panama.						
Pitts., Ft. W. & Chi. 1st.			98	98	98	
Pitts., Ft. W. & Chi. 2d.						
1st mortgage.						
2d mortgage.						
Pullman Palace Car.						
Quicksilver Mining Co.						
St. L., Alton and T. H.						
Preferred.						
1st mortgage.	104					
2d mort. preferred.						
Income bonds.			30			
St. L., Iron Mt. & S'thn.						
1st mortgage.	104		104			
2d mortgage.						
St. L., Jack. & Chi. 1st.						
St. L., Kan. City & N.	41		41			
Preferred.	21		21			
Tol., P. & W. 1st E. D.		96				
1st mort., West. Div.		96				
Union Pacific.	64	64	64	65	65	
1st mortgage.	106		105	105	105	
Land Grant 7s.	106		106			
Sinking Fund 8s.	100		99	99	99	
United States Express.	49	50	50			
Wabash.	15	15	15	15	15	
1st mortgage.			101			
2d mortgage.						
7s, Consolidated.						
St. Louis Division.			75		75	
Wells-Fargo Express.				91	92	
Western Pacific bonds.						
Western Union Tel. 94	94	94	94	94	94	
7s, S. F. conv. 1900.						

## New York Stock Exchange.

Closing Prices for the week ending Sept. 11.

	Th.5	F.6	Sat.7	M.9	Tu.10	W.11
FEDERAL STOCKS:						
U. S. 4s, 1907, reg.			100	101	100	
U. S. 4s, 1907, coup.			101	102	101	
U. S. 4s, 1891, reg.			103	103	103	
U. S. 4s, 1891, coup.			103	103	103	
U. S. 5s, 10-40s, reg.			106	106	106	
U. S. 5s, 10-40s, coup.			106	106	106	
U. S. 5s, 1881, reg.			104	104	104	
U. S. 5s, 1881, coup.			104	104	104	
U. S. 6s, 1881, reg.			105	105	105	
U. S. 6s, 1881, coup.			105	105	105	
U. S. 6s, 5-20s, r. n. 1865.			102			
U. S. 6s, 5-20s, r. n. 1865.			102			
U. S. 6s, 5-20s, reg. 1867.			105	105	105	
U. S. 6s, 5-20s, c. 1867.			105	105	105	
U. S. 6s, 5-20s, reg. 1867.			105	105	105	
U. S. 6s, 5-20s, c. 1868.			105	105	105	
U. S. 6s, 5-20s, c. 1868.			105	105	105	
U. S. 6s, Pac. R. R. issue.			119	119	119	

## London Stock Exchange.

—Closing Prices.—

	Aug. 28.	Aug. 30.
Atlantic & Gt. W. 1st mort.	\$1,000.	26 — 28
Do. 2d mort.	\$1,000.	26 — 27
Do. 3d mort.	\$1,000.	9 — 11
Do. 1st mort. trut. certificates	...	4 — 6
Central Pacific of California 1st mort.	107	108
Detroit & Milwaukee 1st mort. bonds	45	45
Do. 2d do.	45	46
Erie shares, \$100.	16	17
Do. Reconstruction Assess. \$6 pd.	22	21
Do. do.	20	21
Do. Preference Shares.	32	33
Do. 7 Convertible Gold Bonds.	—	—
Do. Reconstruction Trustees Cr.	60	61
Do. 1st Consol. Mort. ex-certi.	82	83
Do. with Rec. T's Certs. of \$1 Cou.	52	54
Illinois Central \$100 shares.	82	82
Lehigh Valley Consol. mortgage.	99	101
N. Y. Cent. & Hud. Riv. Mt. bonds.	119	123
Do. \$100 shares.	111	113
Pennsylvania, \$60 shares.	32	33
Do. 1st mortgage.	101	103
Philadelphia and Reading \$60 sha.	16	17
Pittsbg. Ft. W. & Chic. Equip. bds.	104	106
Union Pacific Land Grant 1st mort.	106	108

## American Railroad Journal.

Saturday, September 14, 1878.

## Financial and Commercial Affairs.

It is now plain to all that the

gratifying in the future if some of those incipient financiers before alluded to do not interrupt it. The future promises better than the past. Out of approaching prosperity comes danger however.

The stock market since our last has not shown any increased activity. The sales on the Stock Exchange were on Saturday, 61,400 shares; Monday, 78,250; Tuesday, 116,000, and Wednesday, 180,000.

The Saratoga conferences were thought to have ended competition, or rather cutting, by the trunk lines. Within a day or two past the street has been busy with rumors concerning the western connections, in which it is charged that rates have been cut west of Buffalo. Whether this is intended to operate in favor of a bear movement, or whether there is really a rupture of the recently formed compact between the trunk lines was not made public up to the close on Wednesday.

The Money market has shown a disposition towards activity, although rates are not notably higher. There is now a good demand for money from the West to move the crops, and this demand will no doubt increase as the season advances. The alarming prevalence of Yellow fever in the South delays business with that section seriously. The receipts of Cotton are fair compared with last year; but the receipts would be largely in excess if there was no drawback. The requirements of the Cotton States for money to move the crop have been light thus far.

Discounts are readily made for all legitimate purposes at 4@5 per cent for prime commercial paper. Call loans are made at 1½@2 per cent. Gold has ranged downward at 100½@3-16@½; from which the market may be named dull at 100½. It is due to Secretary Sherman in reporting the decline in gold to say that his circular to United States Sub-Treasurers directing them to pay out silver or exchange it for legal tenders from and after the 16th instant is the sole cause. It is possible that greenbacks may now reach par for a time prior to the legal date for redemption, January 1, 1879. London advices show a gain in specie by the Bank of England amounting to £462,000 for five days. On the other hand the Bank of Germany lost in the week 7,600,000 marks specie.

The decline in gold caused a sale of \$1,000,000, fives of 1881, to be made Tuesday for foreign account. Government securities were generally lower at the close. We now quote:

United States 6s, 1881, registered, 107½@108; do. coupon, 107½@108; 5-20s, 1865, new, registered, 102½@102½; do. coupon, 102½@102½; do. 1867, registered, 105½@105½; do. coupon, 105½@105½; do. 1868, registered, 107½@107½; do. coupon, 107@108; ten-forties, registered, 106½@106½; do. coupon, 106½@106½; 5 per cents, 1881, registered, 105½@106½; do. coupon, 105½@106; 4½ per cents, 1891, registered, 108½@108½; do. coupon, 108½@108½; 4 per cents, 1907, reg., ex-interest, 99½@99½; do. coupon, 100½@100½; sixes, currency, 11½@120.

From Boston Money continues in good supply with an increasing demand. Rates of discount are 3½@4½ per cent, with an evident desire on the part of the banks to obtain higher rates. Satisfactory paper is scarce. Call loans to Bankers

are 8@4 per cent. Business is as a rule encouraging and certainly more satisfactory than this time last year.

Philadelphia advices indicate an easy money market. Rates are a trifle higher for discounts than at our last report. Loans on good collaterals are made at 4@5 per cent. Sterling Exchange is quoted dull at 4 81½@4 81½ for long, and 4 85½@4 86 for sight bills. Pennsylvania Railroad shares were quoted at 82½@82½. Reading, at 16½@16½.

Baltimore Money market is without change worthy of note. The demand for money continues moderate only and banks cannot use surplus funds with profit. The volume of business is quite fair however for the season; the prospects now indicating a better fall trade than any season since 1874. Sales were made of Baltimore and Ohio common stock at 91½@92, and none offering at the close. This is a decided advance since our last report. Northern Central, 14½@14½.

Foreign exchange has declined since our last to 4 82 for 60 day bills, and 4 86½ for demand. Actual business, however, was at lower figures. Sales were made of prime 60 day bills as low as 4 81. The rate for commercial bills was 4 79@4 80. From the large supply of the last named bills on the market, and the certainty that Sterling must go down if free exportation continues, we may soon expect to see importations of gold to pay balances. Gold is scarce abroad, and the Bank of England will not part with any considerable sum for American account without a struggle. At least a hundred millions of United States bonds have been sent back rather than part with the gold. The point is now reached when England must either stop buying breadstuffs from us or ship gold to settle balances.

Domestic Produce has been in large supply, and the exportation continues with slight change. Receipts at New York for the week have been in bushels, 4,282,713. Total bushels since Jan. 1, 17,080,089. Exports from New York, (exclusive of specie) for the week have been \$8,087,836. Total exports since January 1, \$239,036,754.

Cotton has been in light demand for early delivery at about previous quotations. Middling uplands 11½. We now quote futures: For September delivery, 11.29@11.30; October, 11.03@11.04; November, 10.89@10.90; December, 10.84.

Metals still continue dull. The failure of the Oxford Iron Company did not affect the market. Both Scotch and American Pig Iron are nominal; no sales having been reported during the week except in a retail way. Mills running on Steel Rails are now employed with orders ahead at \$42 @ \$44 per ton; the former price delivered at the mill.

Ocean freights are fairly active. To Liverpool engagements have been made by steam for cotton at ½d. Flour at 2s. 6d. per bbl.; grain at 6d. per bushel of 60 lbs. To London, by steam, for grain, 7d. To Havre, by steam, cotton, ¾c. compressed; To Bremen by steam, cotton, 11-16c. compressed.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:-

New York.—Iowa Midland R. R. 8s, 105; Central Pacific State Aid bonds, 106; Kansas Pacific

7s, Denver Div., with coup. certif., 67½; Nashville, Chattanooga and St. Louis 1st mort., 100½; Ind., Bloom. and Western 1st mort., int. certif., 22½; Dubuque and Sioux City R. R., 65; do. 7s, 2d div., 105; Galena and Chicago 1st mort., 104½; Kansas Pacific 6s, J. & D., 1896, with coupon certif., 97½; Quincy and Toledo 1st mort., ex mat. coupon., 73; Missouri, Kansas and Texas R. R., 2½; do 7s, consol. ass., 40½; Buffalo and Erie 7s, new, 111½; Central of New Jersey consol. ass., 72½; do, conv. ass., 69; Louisville and Nashville 2d mort., 87½; Clev., Col., Cin. and Ind. 7s, consol., 85½; South Pacific 1st mort., 84½; East Tenn., Virginia and Georgia 1st mort., 100½; Buffalo, New York and Erie 1st mort., 1916, 105; Lehigh and Wilkesbarre consol., ass., 49½; Nashville and Decatur 1st mort., 100; Toledo and Wabash equip. bonds, 11; Louisiana and Missouri River 1st mort., 99½; Warren R. R., 78; New Jersey Southern R. R., 1; St. Louis and San Francisco R. R., 2; Canton Co., 18; Missouri 6s, 1883, 102½; do, 1887, 102½; do, 1888, 102½; do, 1889 or 1890, 102½; Virginia 6s, consol., ex mat. coupon, 54½; do, consol., 2d series, 81; do, def. certif., 53½; Missouri 6s, H. & St. issue, 1886, 103; South Carolina 6s, non-fund, 1½; Louisiana 7s, consol., 72½; North Carolina 6s, old, J. & J., 16½; Tennessee 6s, old, 38; do, new, 31; Georgia 6s, 100½; Illinois 6s, 1879, 101½. The latest quotations are: Adams Exp., 105@105; American Exp., 48½@49½; Atlantic and Pacific Telegraph, 30½@31; Central Railroad of New Jersey, 33½@34½; Chicago, Burlington and Quincy, 110½@110½; Chicago and Alton, 84@85; do, pref., 102@103; Chicago and Northwestern, 86½@86½; do, pref., 68½@68½; Chicago, Milwaukee and St. Paul, 80½@30½; do, pref., 68½@69; Chicago, Rock Island and Pacific, 117@117½; Cleveland, Columbus, Cincinnati and Indianapolis, 31½@32; Cleveland and Pittsburgh, 80½@81; Delaware and Hudson Canal, 49½@49½; Delaware, Lackawanna and Western, 51½@51½; Erie, 14@14½; do, pref., 28@32; Hannibal and St. Joseph, 14½@14½; do, pref., 37½@38; Illinois Central, 79@79½; Kansas Pacific, 5½@—; Lake Shore and Michigan Southern 66½@66½; Michigan Central, 69½@70½; Morris and Essex, 83@83½; N. Y. Central and Hudson River, 113½@114; New York and Harlem, 187½@188½; Ohio and Miss., 7½@7½; do, pref., 14@14; Pacific Mail, 16½@17½; Panama, —@127; Pittsburgh, Ft. Wayne and Chicago, 98@98½; Quicksilver, 12@12½; do, pref., 80@35; St. Louis, Kansas City and Northern, 4½@4½; do, pref., 20½@22; Union Pacific, 65½@65½; U. S. Express, 48@49½; Wells Fargo Express, 91@93; Western Union Telegraph, 95½@95½; Wabash, 15½@15½.

Philadelphia.—Western Pennsylvania R. R. 6s, 81; American Steamship Co. 6s, 80; Union and Titusville R. R. 7s, 47½; Oil Creek 1st mort., 7s, 78½; Allegheny Valley 7s, 88½; Philadelphia and Reading R. R. scrip, 58; Northern Pacific pref., 17½; Central Transp., 28½. The latest quotations are: City 6s, 105½@108; do, free of tax, 115½@115½; Pennsylvania State 6s, 2d series, —@104; do, 3d series, 111@—; do, 5s, new loan, —@111½; Philadelphia and Reading, 16½@16½; do, Gen'l mort. 7s, coup., 102½@102½; do, reg. 102½@103½; do, mort., 6s, 1880, 104@

104½; do. 7s, new conv., 55@55; do. 7s, 1893, 111½@—; United New Jersey R. R. and Canal Co., 128½@129; Pittsburg, Titusville and Buffalo R. R., 4@4½; do. 7s, 29@31; Camden and Amboy mort. 6s, 1889, 109½@—; Pennsylvania R. R., 82½@82½; do. 1st mort., 104½@104½; do. gen'l mort., coupon, 106½@108½; do. reg. 109@—; do. consol. mort. 6s, reg., 95½@96; Little Schuylkill R. R., 43½@45; Morris Canal, 50@—; do. pref., 124@—; Susq. Canal, —@6; do. 6s, 26@—; Schuylkill Nav. —@6; do. pref., —@8; do. 6s, 1882, 60@61; do. 1872, —@90%; Elmira and Williamsport pref., 86½@41; do. 7s, 103½@—; do. 5s, 65@—; Lehigh Coal and Navigation, 18½@18½; do. 6s, 1884, 105½@106; do. R. R. loan, 104½@105; do. Gold Loan, 94½@95; North Pennsylvania, —@41; do. 6s, 107½@108; do. 7s, 114@—; do. Gen'l mort. 7s, reg., 105½@—; Philadelphia and Erie, —@8; do. 6s, 104@—; do. 7s, 101½@102½; Minehill, 49@49½; Catawissa, 4½@6; do. pref., 86½@88; do. new pref., 82½@83½; do. 7s, 1900, 105½@105½; Lehigh Valley, 89½@40; do. 6s, new coupon, 110@112; do. reg., 111½@112; do. 7s, reg., 110½@—; do. consol. mort., 99½@99½; Fifth and Sixth streets (horse,) —@90; Second and Third, 77@—; Thirteenth and Fifteenth, 43½@44; Spruce and Pine, —@36; Green and Coates, 44½@45; Chestnut and Walnut, 61@62½; Hesstonville, 10½@10½; Germantown, 45@50; Union, 69@72; Lombard and South, 10@15.

**Baltimore.**—Baltimore and Ohio R. R. 1st pref., 95; 2d, 2d pref., 90; do. scrip, 91; Baltimore 6s, 1890, 109½; do. 1900, new, 110; do. 5s, new, 105½; Canton 6s, gold, 90; Atlantic Coal, 1.20; Cincinnati 7.80s, J. & J., 103½. The latest quotations are: Cincinnati and Baltimore, 7s, —@90; Wilmington and Weldon 7s, 96@—; Wmington, Columbia and Augusta 7s, 20@29; Richmond and Danville 1st mort., 72½@—; Pittsburg and Connellsville 7s, 1898, 94½@95½; Baltimore and Ohio, 91½@92; do. scrip, 91@91½; do. 6s, 1880, 101½@103; do. 1885, 105@—; Washington Branch, 110@—; Northern Central, 14½@14½; do. 6s, 1885, 103½@107½; do. 6s, 1900, 101@104½; do. 6s, 1900, gold, 92@93; Marietta and Cincinnati 1st mort. 1892, 82@84; do. 2d mort. 7s, 80½@80½; do. 3d mort. 8s, 13½@13½; Central Ohio, 22@25; do. pref., —@40; do. 1st mort., 99@100; Western Maryland 1st mort. 6s, 1890, 100@103; do. 1st mort. guar., 198@—; do. 2d mort. guar., —@—; do. 3d mort. guar., 107@108½; do. 2d mort. pref., 65@70; 2d mort. guar. by Washington Co., 103@—; Virginia and Tennessee 2d mort. 6s, 93@96; do. 3d mort. 8s, 103½@105; Orange and Alexandria 1st mort. 6s, 85@—; do. 2d mort. 6s, 70@74; do. 3d mort. 8s, 87½@87½; do. 4th mort. 8s, 12@—; Orange, Alex. and Manassas 7s, 50@52; Baltimore 6s, 1884, 106@108; do. 1886, 108@109; do. 1886, new, 108@110; do. 1890, 108½@110½; do. 1900, 110½@113; do. 1900, new, 110½@111½; do. 1902, 111@—; do. 1902, new, 111@113; do. 6s, exempt, 118@118½; do. 5s, 1894, 104@105; do. 5s, new, 105½@106; Memphis 6s, 30@—; do. new, 52½@—; Maryland Defense 6s, 1888, 108½@109½; do. 6s, exempt, 110@112½; do. 6s, 1890, 106½@—; do. 5s, 100@—; Virginia consol. 6s, 54½@56½; do. 2d series, 30½@31; Virginia Consol. coupons, 79@79½; West Virginia def.

certif., 5½@6; Baltimore City Passenger R. R., 32@33½; Baltimore and Catonsville R. R., —@15; George's Creek Coal, —@90; Atlantic Coal, 1.10@1.40; Canton Co., 18@20; do. gold 6s, 90@91; Union R. R., Canton end., 108.

**Boston.**—Burlington and Missouri River R. R. in Nebraska 6s, exempt, 101; do. 8s, non-exempt, 99½; Wichita R. R. 7s, 97½; Florence, El Dorado and Walout Valley 7s, 98½; Vermont Central and Vermont and Canada 8s, 26; Michigan Central (Air Line) 8s, 1890, 105; Portsmouth, Gt. Falls and Conway 7s, 75½; Ogdensburg and Lake Champlain 8s, 1890, 102½; Kansas City St. Joseph and Council Bluffs 7s, 1907, 86½; Middlesex Horse R. R. 8s, 1885, 111½; Boston and Maine 7s, 1894, 115½; Essex R. R. 6s, 1896, 91½; Rutland 8s, 1880, equip., 44½; New York and New England R. R., 25½; Chicago, Dubuque and Minnesota R. R., 53½; Connecticut and Passumpsic Rivers R. R., 51; Maple River R. R., 20½; Iowa Falls and Sioux City R. R., 54½; Quincy Bridge, 112½. Massachusetts 5s, 1895, 110½; Cincinnati 7.80s, 1906, R. R. L., 100; Toledo 8s, 1893, W. L., 109½; Chicago 7s, 106@108½; Lowell 6s, 1890, 110½; Chelsea 6s, 1895, 110½.

#### Western Union Telegraph Co.

According to the quarterly report of the Western Union Telegraph company, just issued, the correct balance June 30, 1878, was \$1,077,708.96.—being \$8,689.47 less than the estimate. There have since been expended \$708,620.40, leaving on hand \$369,083.56. The net profits of the current quarter, ending September 30, 1878, partially estimated, are put down as about \$1,001,364.73. From this will be deducted for interest, construction, and sinking fund account \$179,000, and in payment of a dividend of 1½ per cent \$625.936, which will leave a balance of \$665,512.29. A dividend of 1½ per cent was declared, payable Oct. 15, and the books were ordered closed from Sept. 20 to Oct. 16 for the purpose of the annual meeting of stockholders to be held Oct. 9.

**Mass.**—At the annual meeting of the Massawippi Valley Railway Company, held at Rock Island, Que., on the 4th inst., the following gentlemen were chosen directors: Emmons Raymond, W. K. Blodgett, Gardiner C. Brown, F. A. Peters of Boston; T. Lee Terrell Stanstead; Chas. Brook and R. N. Hall, Sherbrooke, Que.; Lucius Robinson, Newport, Vt.; Stephen Foster, Rock Island. The officers are: R. N. Hall, President; Chas. Brook, Vice President; H. E. Folsom, Superintendent; Stephen Foster, Treasurer.

**Rhode Island.**—A meeting was held in Woonsocket, Rhode Island, on the 4th inst. to formally initiate a movement to build a railroad from that place to Providence and Springfield. The railroad will be less than five miles, opening another connection with Providence. Trustees were chosen, ex-Governor Lippitt, being one, to procure a charter.

**Ohio.**—The Warren, Ohio, Record says that a corps of engineers, with James Reno as chief, is now engaged in running a railroad line from Warren to Ravenna, following the canal towing path. A railroad intersecting the Dunkirk, Allegheny Valley and Pittsburg Railroad at Warren and the Cleveland and Pittsburgh Railroad at Ravenna, would enable the Pennsylvania Company to com-

pete with the Cleveland and Mahoning Valley Railroad, and the Baltimore and Ohio Railroad for Mahoning valley business.

#### Business of the Canals.

The Canal Auditor has prepared a comparative statement showing the amount of business done on the canals during August and since the opening of navigation this year and last. The tolls received in August amounted to \$138,117.26, against \$137,956.09; total miles of boats cleared, 1,031,440, against 1,161,958; total tons, 716,618, against 729,503. Since the opening of navigation to September 1, the tolls amounted to \$547,640.20, against \$443,904.05; total miles of boats cleared 4,031,929, against 3,662,184; total tons, 2,924,459, against 2,656,571. Increase in receipts, \$103,736.15; increase in tonnage, 267,888.

#### Union Pacific Railroad.

The following is a comparative statement of the earnings and expenses of the Union Pacific Railroad Company, including Missouri River Bridge, for the month of July,

	1877.	1878.
Earnings .....	\$1,083,691.77	\$1,014,958.55
Expenses .....	525,852.87	386,846.79

Surplus ..... \$507,738.90 \$628,611.76

—showing a decrease in earnings of \$18,633.22, with a decrease in expenses of \$189,506.08—making an increase in surplus of \$120,872.86.

**Md.**—The exports of corn from Baltimore for the crop year ending August 31, 1878, were 19,340,218 bushels; and of wheat, 12,926,119 bushels—a total of 32,266,337 bushels; against 20,476,285 bushels of corn and 2,285,338 bushels of wheat—an aggregate of 22,761,623 bushels, in 1877; showing an increase of 9,504,714 bushels.

**Ohio.**—Articles of incorporation have been filed in the office of the Secretary of State of Ohio of the Waynesville, Harveysburg and Wilmington Railway Company, to run from Waynesville, in Warren county, through the counties of Warren and Clinton, terminating at or near Wilmington, capital stock \$75,000, by J. W. Haines and others.

**Ind.**—The earnings of the Wabash Railroad Company for the month of July were \$382,084, the expenses \$312,218, and the net earnings \$69,821; net earnings from January 1, to June 30, \$480,108—total net earnings for seven months, \$549,929.

**Penn.**—Thomas A. Scott, George B. Roberts, James Magee, John M. Kennedy, Wistar Morris, Josiah Bacon, N. Parker Shortridge, James Young, and Lewis Elkin have been elected Directors of the Harrisburg, Portsmouth, Mount Joy and Lancaster Railroad Company.

**Penn.**—Seven new iron bridges are being constructed on the Allegheny Valley Railroad between Warren and Lyons. Two near Russellburg, two at Falconer's, one near Moon's, one at Glasgow, and one at Laona.

**Penn.**—Col. Wm. A. Kuper, the first engineer of the Chesapeake and Ohio railroad, has been appointed chief engineer of the Cincinnati Southern railroad.

**Penn.**—Ground was broken on the 2d inst. for the Souris, Prince Edward Island, Railway Extension.

## RAILROAD AND CANAL DIVIDEND STATEMENT.

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend.

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.
Albany and Susq*....	100 \$3,500,000	J. & J.	July '78 3	Little Schuylkill*....	50 \$2,640,100	J. & J.	July '78 3	Ware River*....	100 \$750,000	J. & J.	July '78 3
Atlanta and West Point....	100 1,232,200	J. & J.	July '78 4	Long Island.....	50 3,000,000	M. & S.	May '78 10	Warren (N. J.)....	100 1,800,000	A. & O.	Ap. '78 3
Atlanta and Gulf.....	100 786,476	M. & N.	Not. '73 34	Louisv., Clin. and Lex....	50 1,623,483	J. & J.	July '78 3	Warwick Valley....	100 225,000	A. & O.	Oct. '77 31
Atlantic and St. Law*....	100 5,000,000	M. & S.	Sept. '78 3	" pref. 100	848,700	J. & J.	Jan. '74 4	Westchester & Phil. pref. 100	100 821,300	J. & J.	July '78 4
Augusta and Savannah....	100 1,922,000	J. & D.	Dec. '77 34	Louisville & Nashville....	100 9,038,418	F. & A.	Aug. '78 1	West Jersey....	100 1,559,750	F. & A.	Aug. '77 3
Avon, Genesee & Mt. M*....	100 225,000	A. & O.	Jan. '73 3	Louisv., N. Alb. & Chi....	100 3,000,000	J. & D.	Dec. '70 3	Wilmington & Weldon....	100 1,455,200	J. & D.	June '77 31
Baltimore and Ohio*....	100 18,151,962	M. & N.	May '78 4	Lowell and Andover....	100 500,000	J. & J.	July '78 3	Winchester & Potomac*....	100 180,000	J. & J.	July '78 2
Washington Br....	100 1,650,000	A. & O.	June '78 25	Lowell and Lawrence....	100 200,000	A. & O.	Apr. '78 2	Winchester & Strasburg*....	100 500,000	J. & J.	July '78 2
Berkshire*....	100 320,500	quarterly	Apr. '78 1	Lykens Valley.....	100 600,000	F. M. A. N.	Feb. '78 24	Worcester and Nashua....	100 1,789,800	J. & J.	July '78 2
Boston and Albany....	100 20,000,000	M. & N.	May '78 4	Manchester and Law....	100 1,000,000	M. & N.	May '75 5	HORSE-POWER R. R.			
Bos., Clin. & N. Bed. 100	2,523,500	— & —	—	Marietta & Cincinnati....	50 1,409,912	— & —	—	Albany City.....	100 110,300	— & —	
Agricultural Br. guar....	100 60,000	J. & D.	June '76 3	" 1st pref. 50	8,130,719	M. & S.	Sept. '66 38	Baltimore City.....	25 1,000,000	J. A. J. O.	July '78 2
Bost., Conc. & Mont.* pref. 100	800,000	M. & N.	May '78 3	" 2d pref. 50	4,460,386	M. & S.	Sept. '68 38	Balt., Cat. & El. Mills....	100 200,000	J. & J.	Ap. '78 4
Boston and Lowell....	100 3,250,000	J. & J.	June '78 2	Massissippi*....	100 400,000	F. & A.	Aug. '78 1	Broadway (Brooklyn)....	100 2,100,000	J. A. J. O.	Ap. '78 2
Boston and Maine....	100 6,921,274	M. & N.	May '78 3	Memphis & Charleston*....	25 3,122,726	J. & D.	Jan. '69 3	Brooklyn & 7th Av. (N.Y.)....	100 400,000	A. & O.	Ap. '78 3
Boston and Providence....	100 4,000,000	M. & N.	May '78 3	Michigan Central.....	100 18,788,204	J. & D.	June '78 2	Brooklyn & Hunter's Pt....	100 2,000,000	F. M. A. N.	Feb. '78 3
Attleborough Branch....	100 181,700	J. & J.	July '75 3	Middlesex Central....	100 2,130,130	F. & A.	Aug. '78 3	Brooklyn City*....	100 309,000	J. & J.	July '71 3
Boat., Revere B. & Lynn....	100 350,000	quarterly	Dec. '77 2	Mill Creek & Minehill*....	50 323,375	J. & J.	July '78 5	Bushwick (Brooklyn)....	100 824,300	A. & O.	July '78 4
Buffalo, N. Y. and Erie*....	100 950,000	J. & D.	June '78 3	M. Hill & Schuyl. Hav.*....	50 3,856,450	J. & J.	July '78 3	Cen. Park, N. E. Riv....	100 1,063,400	J. & J.	Oct. '77 34
Burl. & Mo. Riv. in Neb....	100 8,537,500	F. & A.	Aug. '78 2	Mobile & Montgomery....	100 2,794,800	—	—	Citizens' (Phil.)....	50 500,000	J. & J.	July '78 3
Camden and Atlantic....	100 377,400	quarterly	Apr. '78 2	Morris & Essex*....	50 16,000,000	J. & J.	July '78 3	Citizens' (Pbg.)....	50 200,000	M. & N.	Nov. '77 10
" pref. 50	885,311	quarterly	Apr. '78 2	Mt. Carbon & Pt. Carbon*....	50 282,350	J. & J.	July '78 6	Continental (Phil.)....	50 180,000	M. & N.	July '78 24
Camden & Burl. Co....	100 1,000,000	J. & J.	July '78 3	Nashua and Lowell....	100 800,000	M. & N.	May '78 2	D. Dock, E. B'dw. & Bat. 100	1,200,000	F. M. A. N.	Feb. '78 2
Orp. May and Millville*....	100 447,000	J. & D.	Dec. '77 3	Nashua and Rochester....	100 1,185,600	A. & O.	Oct. '77 3	Eighth Avenue (N.Y.)....	100 1,000,000	J. & J.	Jan. '78 6
Catasauqua & Fogelv....	100 426,900	Novemb.	Oct. '77 14	Nashville and Decatur....	100 1,529,000	J. & D.	June '78 3	Elizabeth and Newark....	100 200,000	M. & N.	Nov. '77 3
Catasauqua*....	100 5,159,500	quarterly	Apr. '78 24	Nash, Chat. & St. Louis....	100 6,575,266	A. & O.	Ap. '78 1	Frankf. & Southw. (Ph.)....	50 600,000	J. & J.	Nov. '77 3
" pref. 50	2,200,000	M. & N.	May '78 3	Naugatuck.....	100 2,000,000	J. & J.	July '78 4	Germantown (Ph.)....	50 1,000,000	J. & J.	July '78 3
" 2d pref. 50	1,000,000	quarterly	Apr. '78 2	Nesquehoning*....	50 1,000,000	M. & S.	Sept. '75 5	Grand St. and Newton....	100 170,000	J. & J.	July '71 3
Central & Burl. Co....	100 381,925	J. & J.	July '78 3	New Haven & Northamp....	100 6,056,000	quarterly	Ap. '78 24	Green & Coates St. (Ph.)....	50 500,000	J. & J.	Jan. '78 2
Central of Georgia....	100 447,000	J. & D.	Dec. '77 3	New London Northern*....	100 1,418,800	quarterly	Oct. '78 2	Heston, Mantau & Fairm....	50 2,050,000	J. & J.	Jan. '75 14
Central of New Jersey....	100 20,600,000	quarterly	Apr. '78 24	N. Y. Cen. & Hudson R....	100 89,428,330	quarterly	Oct. '78 2	Highland.....	100 290,000	M. & N.	Nov. '77 4
Central Ohio*....	100 2,425,000	J. & J.	July '78 2	New York and Harlem....	100 8,500,000	J. & J.	July '78 4	Lomb. & South Sta. (Ph.)....	25 105,000	A. & O.	Oct. '77 8
" pref. 50	400,000	quarterly	July '78 3	" " pref. 100	1,500,000	J. & J.	July '78 4	Lynn and Boston....	100 200,000	— & —	—
Central Pacific.....	100 64,275,500	A. & O.	Oct. '77 4	City Line.....	100 annually	J. & J.	July '78 3	Malden and Melrose....	100 200,000	J. & J.	July '78 4
Chemung*....	100 380,000	quarterly	July '78 14	N. Y., N. H. & Hartf....	100 15,500,000	quarterly	Ap. '78 24	Metropolitan (Boston)....	100 1,500,000	J. & J.	July '78 4
Cheshire, preferred....	100 2,155,300	J. & J.	July '78 1	N. Y. Provid. & Boston....	100 3,000,000	quarterly	Aug. '78 24	Middlesex (Boston)....	100 400,000	M. & N.	May '78 3
Chicago and Alton....	100 10,065,400	M. & S.	Sept. '78 34	N. Y. Prov. & Boston*....	100 1,000,000	quarterly	Aug. '78 24	Ninth Avenue (N.Y.)....	100 197,320	— & —	—
" pref. 100	2,425,400	M. & S.	Sept. '78 34	N. Y. Provid. & Boston*....	100 1,000,000	quarterly	Aug. '78 24	Orange and Newark....	100 282,555	— & —	—
Chicago, Burl. & Quincy....	100 27,598,242	M. & S.	Sept. '78 4	N. Y. Provid. & Boston*....	100 2,000,000	quarterly	Aug. '78 24	Philadelphia City....	100 475,000	J. & J.	July '77 2
Chicago, Iowa & Nebraska*....	100 3,916,300	J. & J.	July '78 3	Norwich & Worcester*....	100 2,604,400	quarterly	Aug. '78 24	Philadelphia and Darby....	100 200,000	J. & J.	July '78 2
Chi., Mil. and St. Paul....	100 15,401,261	A. & O.	Dec. '78 7	Ogdensburg & L. Champl.*....	100 3,077,000	quarterly	Aug. '78 24	Phil., atc. & Grey's Ferry....	100 284,175	J. & J.	July '78 2
Chicago & N. Western....	100 14,988,307	A. & O.	Apr. '78 3	Ohio and Mississippi*....	100 2,000,000	quarterly	Aug. '78 24	Pbg., Alleg. & Manchester....	100 200,000	—	—
Chicago, R. I. & Pacific....	100 22,025,603	J. & D.	June '78 3	Old Colony.....	100 6,733,800	quarterly	Aug. '78 24	Second Avenue (N.Y.)....	100 1,199,500	J. A. J. O.	Ap. '78 2
Cin., Ham. & Dayton....	100 5,500,000	A. & O.	Aug. '78 2	Oswego and Syracuse*....	100 4,824,400	quarterly	Aug. '78 24	Second & Third St. (Ph.)....	100 962,100	J. A. J. O.	Ap. '78 2
Cin. Sand. and Clev.*....	100 2,980,550	— & —	Apr. '78 2108	Panama.....	100 7,000,000	quarterly	Aug. '78 24	17th & 19th Streets (Ph.)....	100 500,000	J. & J.	Jan. '78 3
" pref. 50	413,150	M. & N.	May '78 3	Paterson and Hudson*....	100 4,000,000	quarterly	Aug. '78 24	Sixth Avenue (N.Y.)....	100 750,000	M. & N.	Nov. '77 5
Clev., Col., Clin. & Ind....	100 14,991,300	F. & A.	Feb. '78 3	Paterson and Newark*....	100 632,000	quarterly	Aug. '78 24	Third Avenue (N.Y.)....	100 2,000,000	F. M. A. N.	Feb. '78 5
Cleveland & Mahoning*....	100 2,057,569	M. & N.	May '77 34	Paterson and Ramapo*....	100 250,000	quarterly	Aug. '78 24	13th & 15th Street (Ph.)....	100 1,000,000	J. & J.	July '78 24
Cleveland & Pittsburg*....	100 11,236,150	quarterly	Sept. '78 14	Pember & Hightstown*....	50 3,978,156	quarterly	Aug. '78 24	23rd Street (N.Y.)....	100 600,000	J. & J.	Jan. '78 4
Columbus and Xenia*....	100 1,786,800	M. J. S. D.	Sept. '78 2	Pennsylvania.....	100 68,870,000	quarterly	May '77 14	Somerville (Boston)....	100 98,000	W. & N.	May '78 3
Colum. & Hocking Val....	100 2,500,000	F. & A.	Aug. '78 4	Peoria & Bureau Val.*....	100 2,000,000	quarterly	May '77 14	South Boston....	100 450,000	J. & J.	May '78 3
Concord.....	100 1,600,000	M. & N.	May '78 5	Philadelphia and Erie*....	100 6,004,300	quarterly	Feb. '78 4	Union (Boston)....	100 374,800	J. & J.	July '78 5
Concord and Porta*....	100 350,000	J. & J.	July '78 3	Philadelphia and Port....	100 1,500,000	quarterly	Feb. '78 4	Union (Phila.)....	100 400,000	J. & J.	July '78 5
Conn. & Passump Riv....	100 2,175,700	F. & A.	Aug. '78 1	Pembroke & Worcester*....	100 2,000,000	quarterly	Feb. '78 4	West Philadelphia....	100 400,000	J. & J.	July '77 10
Conn. & Passump Riv....	100 2,100,000	J. & J.	July '78 3	Philadelphia and Port....	100 2,000,000	quarterly	Feb. '78 4	—			
Connecticut River....	100 1,292,960	J. A. J. O.	July '78 24	Pennsylvania.....	100 6,870,700	quarterly	July '78 24	Chesapeake & Delaware....	100 1,983,563	J. & D.	June '75 2
Cumberland & Wickev....	51 1st pref. 50	241,900	A. & O.	Phil., Ger. & Norristown*....	100 1,262,250	quarterly	July '78 24	Delaware Division....	100 1,633,350	F. & A.	Feb. '78 4
" 2d pref. 50	243,000	A. & O.	Apr. '78 4	Philadelphia and Erie*....	100 1,240,000	quarterly	July '78 24	Delaware and Hudson....	100 20,000,000	F. & A.	Aug. '76 4
Danbury and Newrwl....	50 600,000	quarterly	Mar. '78 1	" " pref. 100	1,551,800	quarterly	July '78 24	Delaware and Raritan*....	100 5,847,400	M. & N.	Nov. '77 5
Dayton & Michigan*....	50 2,39,350	A. & O.	Apr. '78 13	Phil., Wil. & Balt....	100 11,564,250	quarterly	July '78 24	Lehigh Coal & Navigat....	100 10,848,560	J. S. D. M.	Feb. '78 5
Delaware*....	50 1,286,100	quarterly	July '78 3	" " pref. 100	5,504,300	quarterly	July '78 24	Monongahela Navigat....	100 1,003,500	J. & J.	Jan. '78 6
Del., Lackaw. & Westn....	50 26,200,000	quarterly	July '78 24	Special Imp....	100 450,000	quarterly	July '78 24	Morris (consolidated)....	100 1,025,000	F. & A.	Feb. '78 2
Detroit & Milwaukee*....	50 822,140	— & —	Dec. '69 7	Portl., Saco & Port....	100 1,500,000	quarterly	July '78 24	" (preferred)....	100 1,176,000	F. & A.	Feb. '78 5
" pref. 50	2,095,000	J. & D.	Dec. '69 7	Providence & Worcester*....	100 2,000,000	quarterly	July '78 24	Pennsylvania.....	100 4,337,950	— & —	—
Dubuque & Sioux City*....	100 5,000,000	A. & O.	Apr. '78 3	Rensselaer & Saratoga*....	100 6,000,000	quarterly	Jan. '78 4	Phil., Wil. & Balt....	100 1,908,207	A. " 78 10e.s	—
East Pennsylvania*....	100 500,000	J. & J.	July '78 3	Richmond & Petersb....	100 1,008,600	quarterly	Jan. '78 4	Phil., Wil. & Balt....	100 2,892,977	A. " 8 140e.s	—
East Mahanov*....	100 392,950	J. & J.	July '78 3	Roch. & Genesee Val.*....	100 556,200	quarterly	Jan. '78 4	Portl., Saco & Port....	100 1,000,000	—	—
East Tenn., Va. & Ga....	100 1,968,274	A. & O.	Apr. '78 3	Rome, Watert. and Ogd....	100 2,998,900	quarterly	Jan. '78 4	Portl., Saco & Port....	100 1,000,000</		

**The Coal Trade.**

The total tonnage of anthracite from all the regions for the week ending August 31st, as reported by the several carrying companies, amounted to 372,579 tons, against 312,271 tons in corresponding week last year, an increase of 59,808 tons. The total amount of anthracite mined for the coal year is 10,505,454 tons, against 12,645,588 tons for same period last year, a decrease of 2,140,134 tons. The quantity of bituminous coal sent to market for the week amounted to 81,602 tons, against 98,878 tons in corresponding week last year, an increase of 17,276 tons. The total amount of bituminous mined for the year is 2,084,466 tons, against 2,092,952 tons for corresponding period last year, an increase of 8486 tons. The total tonnage of all kinds of coal for the week is 464,181 tons, against 411,149 tons in corresponding week last year, an increase of 43,032 tons, and the total tonnage for the coal year is 12,589,920 tons, against 14,738,540 tons to same date last year, a decrease of 2,148,620 tons. The product of the mines of the Cumberland coal region for the week ending August 31 was 45,937 tons, and for the year to that date 991,866 tons, an increase of 78,012 tons as compared with the corresponding period of last year. The shipments to the Baltimore and Ohio Railroad were, for the week, 21,507 tons; for the year, 556,649 tons, an increase of 28,878 tons as compared with 1877. The shipments to the Chesapeake and Ohio Canal were, for the week, 19,067 tons; for the year, 368,490 tons, an increase of 61,716 tons as compared with 1877. The quantity of coal and coke carried over the Pennsylvania Railroad for the fourth week in August was 99,660 tons, of which 80,624 tons were coal, and 19,036 tons coke. The total carried for the year is 3,065,995 tons, of which 2,899,758 tons were coal and 656,870 tons coke. These figures embrace all the coal carried over the road, east and west. The amount of stock on hand at Perth Amboy on the 31st of August was 75,882 tons. Receipts during the week 1995 tons, giving a total to September 7th of 95,077 tons. The shipments during the week were 18,165 tons, leaving of stock on hand 81,912 tons. The stock on hand August 31, 1877, was 58,819 tons.—*Phila. Ledger, Sept. 9.*

**Cold Rolled Iron and Steel.**

We have received the "Report on Cold Rolled Iron and Steel, as Manufactured by Jones & Laughlin's American Iron Works, Pittsburgh," by Prof. Robert H. Thurston, of the Stevens Institute of Technology. This volume, embodying the investigations of the writer, extending over more than a year, forms the most complete research upon the properties of any of the many metals used in engineering construction that has yet been made. Even for this alone, the results reflect honor on a private firm, in work that is usually left to Government patronage. The tests exhibiting the fact that cold rolling produces a bar of more uniform strength from surface to centre than is made by the common process of hot rolling, are as important as the results are novel. Later tests which exhibit the fact that the "mild" or "low" steels, so-called, are benefited by the process, are, if possible, of greater value than those of iron, since the use of these mild steels—or, more properly, homogenous iron—seems certain to result in time in the exclusion of puddled iron and steel from all engineering work—*Pitts. Chron.*

At a meeting of the directors of the Canada Central Railway Company in Brockville, Ontario, on the 3d inst., the following appointments were made: John G. Richardson, President; Arthur Baker, Grand Manager; T. A. McKianon, Superintendent, and C. Matthea, Treasurer.

The directors of the Albert Railway Company, recently chosen, are: A. E. Killam, President and Manager, Geo. McKeon, W. H. Thorne, R. T. Clinch, Hon. John Lewis, Thor. McHenry

is Secretary and Elisha Tingly, Treasurer. The office of the company is at Hillsboro, New Brunswick.

**Imports of Dry Goods at New York.**

The imports of foreign dry goods at New York for the month of August, were:

**ENTERED FOR CONSUMPTION.**

	1877.	1878.
Manufactures of wool...	\$2,459,828	\$2,080,229
" cotton...	1,444,811	1,469,419
" silk....	2,854,732	2,654,276
" flax....	878,012	1,041,581
Miscellaneous dry goods...	734,061	572,237
Total.....	\$7,865,944	\$7,817,692

**WITHDRAWN FROM WAREHOUSE.**

	1877.	1878.
Manufactures of wool...	\$1,321,877	\$1,221,668
" cotton...	468,557	368,545
" silk....	675,407	427,380
" flax....	419,323	409,134
Miscellaneous dry goods...	106,742	117,913
Total.....	\$2,986,906	\$2,544,635
Add entered for consump	7,865,944	7,817,692

Thrown upon market.... \$10,852,850 \$10,362,327

**ENTERED FOR WAREHOUSING.**

	1877.	1878.
Manufactures of wool...	\$1,133,401	\$1,079,680
" cotton...	298,935	297,940
" silk....	570,741	408,280
" flax....	478,819	387,784
Miscellaneous dry goods...	139,405	110,898
Total.....	\$2,619,801	\$2,229,582
Add entered for consump	7,865,944	7,817,692

Total entered at the port.... \$10,485,245 \$10,047,274

The imports of foreign dry goods at New York for eight months from January 1 were:

**ENTERED FOR CONSUMPTION.**

	1877.	1878.
Manufactures of wool...	\$9,184,528	\$8,258,804
" cotton...	9,999,400	9,619,098
" silk....	13,566,495	12,692,222
" flax....	6,423,447	6,360,683
Miscellaneous dry goods...	8,992,143	8,543,873
Total.....	\$43,166,018	\$40,474,680

**WITHDRAWN FROM WAREHOUSE.**

	1877.	1878.
Manufactures of wool...	\$4,919,831	\$4,448,322
" cotton...	2,799,879	2,280,079
" silk....	3,495,917	2,892,896
" flax....	2,832,928	2,598,922
Miscellaneous dry goods...	927,994	1,067,712
Total.....	\$14,976,549	\$13,232,981
Add entered for consump.	43,166,018	40,474,680

Total thrown on the market.... \$58,142,562 \$53,707,611

**ENTERED FOR WAREHOUSING.**

	1877.	1878.
Manufactures of wool...	\$5,219,962	\$4,713,852
" cotton...	2,691,789	2,009,945
" silk....	3,291,281	2,392,973
" flax...	2,775,889	2,325,302
Miscellaneous dry goods	1,014,054	1,297,115
Total.....	\$14,992,976	\$12,739,187
Add entered for consump.	43,166,013	40,474,680

Total entered at port.... \$58,158,989 \$53,218,867

The third rail of the Erie Railway has been completed as far as Binghamton, N. Y. It will be used in securing passenger business from New England and the West by the opening of a through line of Pullman sleeping coaches between

Albany and Hornellsville and the West on fast express trains.

**The First Steel Bridge in America.**

The Pittsburgh Chronicle says that arrangements have been made by Gen. D. D. Smith, Chief Engineer of the Chicago and Alton Railroad Company for erecting the first all-steel bridge in this country, and then adds:

Gen. Smith will be remembered by those of our readers engaged in iron and steel manufacture by his connection with the United States Government Board for testing the strength of iron and steel, experiments for which were carried on at Munhall's farm, within a few miles of the city, several years ago. General Smith's studies have recently convinced him that steel bridges can be built cheaper than those of iron. He is further persuaded that there is no steel made in America equal to that made in Pittsburgh. The bridge will be erected over the Missouri river, on the line of the Chicago and Alton Railroad. It will be of five spans of 350 feet each, the elevation over high water mark will be not less than 80 feet, at which height, the light steel rods of the "Howe truss" will look like cob webs, but for all that the bridge will have a bearing strength reached by but few existing structures in the world. The total amount of steel will be about 1,500 tons, equivalent to almost double that quantity of iron. The great point in General Smith's opinion is, that steel has a far greater uniformity of tensile strength than iron, running always above 90,000 pounds per square inch. The steel is all made here, and furnished by Messrs. Hussey, Howe & Co., of this city.

The Pittsburgh Chronicle says that the leading stockholders of the Pittsburgh and Lake Erie Railroad, have in pursuance of the agreement entered into on the organization of the company, signed trust deeds to five responsible gentlemen, whose duty it will be to prevent other railroads from absorbing the stock of the new railroad, and to see that the Pittsburgh and Lake Erie carries the freight of all other roads without discrimination. J. I. Bennett, William H. Vanderbilt, Dr. Hostetter, Jacob Henrici, and an Ohio man whose name was not learned compose the committee.

The proposition of the Camden and Atlantic Railroad Company to buy a majority of the bonds of the Williamstown Railroad Company at the rate of \$80 for each \$1,000 bond, reserving \$4 on each bond to cover the expense of foreclosure, and guaranteeing the total of such expense shall not exceed \$1,000, has been accepted, and the Guarantee Trust and Safe Deposit Company appointed to receive the bonds from the bondholders and distribute the proceeds. The arrangement is not to be carried out unless a majority of the bonds come in.

The earnings of the Atchison, Topeka and Santa Fe Railroad for eight months ending August 31, 1878, (July reported by telegraph at \$330,000, and August at \$467,000) were \$2,805,577.09, against \$1,479,385.83 (actual) for the corresponding eight months of 1877—an increase of \$826,191.76. The land sales during the same period show an increase of \$572,225.04, or a total increase of \$1,398,416.80.

The arrivals of immigrants at this port during August aggregated 7,414, an increase over the corresponding period last year of 1,325. The total arrivals from Jan. 1 to Aug. 31 were 54,164

an increase over those of the same time last year of 9,017. Of the August arrivals, 6,078 were aliens, and 1,341 persons who had been in the United States before.

#### Atlantic, Mississippi and Ohio Railroad.

The receivers of the Atlantic, Mississippi and Ohio Railroad Company have submitted a report of the operations of the road and the financial condition of the company for the year ended June 30, 1878. The earnings for the year amounted to \$1,781,710, an increase of about \$41,000 over the year ending June 30, 1877. The expenses amounted to \$1,294,821, against \$1,261,646 the year before. The floods of October and November, 1877, involved expenses amounting to \$56,000; but for which the result for the year would have been a decrease of nearly \$22,000.

During the year the company's indebtedness has been decreased \$85,638 77, by the payment of back labor claims amounting to \$32,500, interest due prior to July, 1876, \$40,000, floating debt \$10,000, and bonded debt \$2,850. The cash on hand at the beginning of the year was \$51,000, and the amount held at the close was \$59,000.

The payment of interest on the divisional bonds due 1st of July, 1877, and 1st January, 1878, was begun 1st October, 1877, and 1st March, 1878, respectively, and the amount paid was \$855,830 71. The report states that the interest due 1st July, 1878, can be paid after 1st October next.

During the past year about 5,100 tons new steel rails have been put in the track, equal to about 60, and making in all 151 miles steel in a total of about 400 miles. Much improvement has been made on the line of the road, and in its bridges and other structures. Careful attention has been given to the adjustment of the local freight tariff, with satisfactory results.

The passenger transportation shows a decrease of 12,064 as compared with the previous year, a result due to the centennial travel of 1876. The tonnage transportation shows an increase of 6,560 tons. The report adds that the fact that this increase has occurred during a period of great prostration of business is an evidence of the advantages this road derives from its geographical position that must be gratifying to all who are interested in its future. No train accidents of a serious character have occurred during the year.

#### Erie Railway Reconstruction.

The following notice to the holders of Erie Railway shares, ordinary and preferred, has just been issued in London:

The Erie Railway Reconstruction Trustees, acting in accordance with the Amended Plan of Reconstruction, hereby give notice that they do hereby fix the 31st day of October, 1878, as the last day for receipt by them of the necessary payments or assessments on preferred and ordinary shares of the Erie Railway Company, such payments to be made to the London and County Bank, Lombard street, London—or the Farmers Loan and Trust Company, New York—for account of the Trustees.

The above date of 31st October is final and peremptory. No payment of assessments will be accepted afterwards. Share-holders neglecting to pay by that date will be excluded from the Reconstruction, and from all share interest or participation whatever in the new company. Particulars of the alternative methods of paying the assessment, together with forms of application, and all other needful information, may be had at

the Trustee's office, 1, Queen Victoria street, London, E. C.

#### Replacing a Broken Crank-pin at Sea.

The official report of John Lynch, Chief Engineer of the "City of Tokio," gives the following account of the labor required to repair a broken crank-pin of the vessel at sea:

Steamship City of Tokio, at sea, July 6, at 7:40 P. M., discovered the after crank pin broken. Reported the fact to Commodore Maury, who ordered the propeller shaft disconnected, in order to allow it to revolve. After a council with the commander, determined to heat the forward crank to remove the broken crank-pin and replace it with a new one, but the crank being shrunk on, could not succeed. Then determined to drill and bore the eyes of the forward crank to get the pin out. In this labor we drilled six holes, 1 $\frac{1}{2}$  inches in diameter, 14 inches deep, through the eyes of each crank, and took the pin out. Then started to drill the broken pin which was 17 $\frac{1}{2}$  inches in diameter, and 14 inches through the eyes of the crank. Drilled 13 inches across the centre of the pin in each end, 1 $\frac{1}{2}$  inches in diameter, and in the inside of the forward crank. Then drilled the same number of holes to intersect them, so as to remove one-half of the pin out the eye. The after end being where the pin was broken, I did not have to drill intersecting holes. The whole time occupied in drilling the eyes of the crank and broken pin was 182 hours, and the whole amount of drilling was 720 inches of 1 $\frac{1}{2}$  inches in diameter. All the drills, cutting drifts, and all the tools used in the work were forged and made on the ship after breaking down. To heat the crank we had to use what wood we could procure about the ship, and, to confine the heat and blaze, we built a boiler-iron furnace, with sliding doors in the top, and swinging doors in the side, to feed it, the inside being lined with fire brick. The furnace was constructed in the best shape to confine the heat around the crank, and make it so that the men could feed it and watch the heating. After getting a good expanding heat on the cranks, shrunk in the pin that we took out of the forward cranks, connected three cylinders, and got under way, all working well to port.

#### Annapolis and Elkridge Railroad.

The Annapolis and Elkridge Railroad case has been decided by the Circuit Court of Anne Arundel County, Md., Judges Hammond and Hayden concurring. It was an application for a permanent injunction on Messrs. F. W. Brune and Wm. G. Harrison, trustees, restraining the sale of the railroad by them under a deed of trust.

The court says that the election of five directors in April, 1872, on the resignation of the president and five directors, was illegally made by the five directors participating in the election, as six was a majority of the board of ten persons, and a less number could not elect the directors. But if acts of an agent, illegally appointed, are sanctioned and affirmed by the principal he is a de facto officer, and the principal is bound by his acts. As the directors subsequently elected allowed the issue and circulation of the bonds authorized by the in part illegally constituted board, and made no effort to stop their circulation and negotiation, it may be considered as doubtful whether the making of the deed of trust and issue of the bonds have not been adopted by the directors elected since April, 1872, and so made binding on the company. Instead of stopping these bonds they took the opposite course, and on principles of fair dealing an injunction should not now aid them. The preliminary injunction is dissolved so far as it restrains the trustees from taking possession of the property of the railroad under the deed of trust or mortgage, and the injunction is continued so far as it prohibits the sale of the road, its property and franchises in the city of Baltimore on the 2d of July or any other

pay until further order of the court. The effect of the decision is to allow, perhaps, the sale in Anne Arundel county, but not in Baltimore city.

#### Eastern Railroad.

The difficulties between the sections of the Railroad in Massachusetts and New Hampshire have been settled. Although forming one through line, these comprise distinct corporations, the latter having been leased to the former for 99 years on agreement that there should be paid to the stockholders of each corporation the same dividends annually. The Massachusetts company got into the hands of its creditors and the dividends were not paid; hence were instituted suits to ascertain the validity of the lease. Last week, however, a conference was held between the parties, and it was agreed to withdraw the suits on the one side, and on the other to pay a dividend of four and one half per cent on the New Hampshire stock (\$22,500 per year), the payment dating back to June, 1877. The corporations will therefore work amicably hereafter.—*Boston Traveler*.

The Treasury Department has just furnished for publication in concise tabular form a statement of the net receipts and ordinary expenditures of the Government in each fiscal year since 1855. By a comparison of the expenditures of the year 1860, with those of 1878, we find an increase of \$178,883,728. But of this increase \$99,323,560 is chargeable to increased interest on the public debt and \$26,034,098 to increased payments of pensions. This leaves an increase of \$48,576,075 chargeable to other accounts.

The Riehle Bros. (Phila. Scale Works) have just completed a newly designed Duplex Spring Testing Machine, built for the Pennsylvania Railroad Co., for the purpose of testing car and other springs. It is worked with a hydraulic jack in connection with regular scale mechanism, sealed to the U. S. Standard weight. Its maximum capacity is 50,000 lbs., and it is provided with two tables so that two springs can be tested at once for compression.

The Narrow Gauge Railway Convention, which was held in Cincinnati in July last, adjourned to meet on the 23d of October. At the last meeting many important committees were appointed, and it is confidently expected that their reports, which will be made at the coming meeting, will contain much valuable information to all engaged in the construction or operation of narrow gauge railway lines.

The Troy Times says that an engineer on the New York Central and Hudson River Railroad, who runs a locomotive between that city and New York, has introduced a new feature by placing looking glasses outside on the engine, at an angle from the cab. These enable him to see the rear part of the train at all times without putting his head out to watch for conductors' signals when making up trains.

The work of constructing the People's Passenger railway, running from Fort avenue, in South Baltimore, to Druid Hill Park, has been commenced, and is being pushed forward rapidly by the contractors, Clark & Bird. One hundred and thirty tons of iron rail are being laid down.

The Bell's Gap Railroad is to be extended to Witmer Run, in Clearfield county, Penn., about four miles beyond Glen Hope.

**Northern Pacific Railroad.**

The annual meeting of the stockholders of the Northern Pacific Railroad Company will be held at the offices in New York, 23 Fifth avenue, on September 25th, to elect thirteen directors, and also to take action on the proposition to authorize the receipt of the preferred stock of the company in payment for the lands already earned in the state of Oregon and in the territory of Washington. A proposition is also in course of preparation to be laid before the stockholders having reference to the immediate commencement of work west of the Missouri river, at Bismarck, with the intent that the road for the entire distance to the Yellowstone, 205 miles, shall be completed and ready for operation in one year from next spring. The company will soon advertise for bids for supplying the ties and timbers, which will be got out the coming winter.

According to the report of the Treasurer of the New York and Brooklyn Bridge Company the receipts during the month of August from all sources were \$146,667 56, and the amount expended \$115,293 88. The total receipts to date have been \$9,835,894 48, and the expenditures \$9,833,988 44. The amount of the liabilities at present outstanding is \$112,309 30. The bills receivable amount to \$1,585 44; and the cash balance in bank to the credit of the Trustees to \$1,906 04.

The new iron side-wheel freight and passenger steamer built by the Harlan & Hollingsworth Company for the Charleston, Savannah and Florida line, was launched at the Company's yards in Wilmington, Del., on the 28th ult. She is considered one of the finest steamers of her class ever built in this country. She will be delivered in New York the last of October.

The Lick Mineral Railroad, now under construction, will be  $1\frac{1}{4}$  miles long, from the Springfield, Jackson and Pomeroy Railroad to the Hill coal mines, in Jackson county, O. It is being built by Price Brothers, of Jackson, O., who have bought the Hill mines, and expect to work them extensively.

The passenger conductors and trainmen of the Pennsylvania Railroad, appeared in their new uniforms and "numbers" on the 1st inst. for the first time. It has not been stated whether each officer will be known by his name or number.

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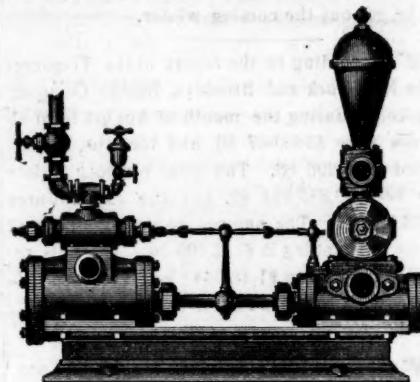
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